Samsung ATIV S™ Neo

MOBILE PHONE

User Manual

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Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)

Internet Address:
http://www.samsung.com

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LifeVibes™ VoiceExperience has been developed by NXP Software. For more information, please visit www.nxpsoftware.com/VoiceExperience or join our discussion panel at www.voicegurus.com.

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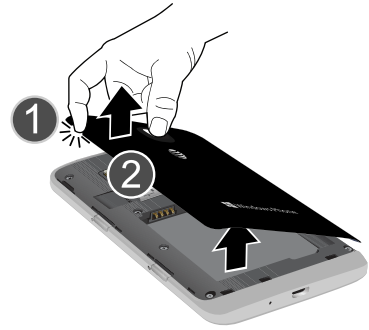
Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

Setting Up Your Phone

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD card slot is also located in this same internal area.

1. Remove the battery cover by placing your fingernail into the slot in the side of the cover (1). If you have fragile nails, use a pointed object.
2. Pull the cover up (2) and then lift up and away from the phone.



Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
  - Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.

Note: If the card is not inserted correctly, the phone does not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing the Memory Card

Your device lets you use a microSD (SD) or microSDHC card to expand available memory space.

Note: Your phone has been tested to support up to a 64GB memory card.

- Push the microSD card into the slot until it clicks (as shown). Make sure the microSD's gold contact pins face downward and the card is securely inserted.

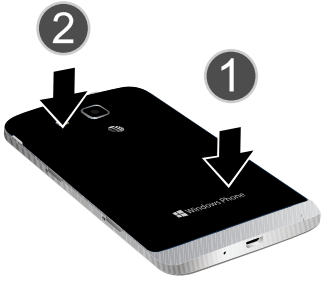
For more information, refer to *"Windows Phone 8 and MicroSD Cards"* on page 16.

Installing the Battery

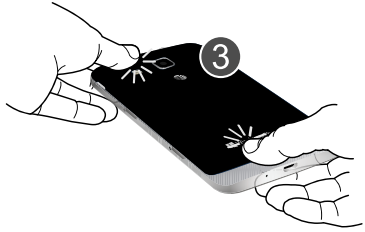
1. Insert the battery into the opening on the back of the phone, making sure the three metal connectors align (1).
2. Gently press down to secure the battery (2).

Replacing the Battery Cover

1. Replace the battery cover (the back of the phone) by aligning the battery cover with the phone.
2. Press the cover down (1 and 2) into place.



3. Press down firmly along the edges of the cover to ensure that the cover is flush with the phone (3). You should hear a light click as the cover locks in place.



Note: Make sure the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. The Travel Charger, which is used to charge the battery, is included with your phone. Use only Samsung-approved batteries and chargers. Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so requires additional charging time.

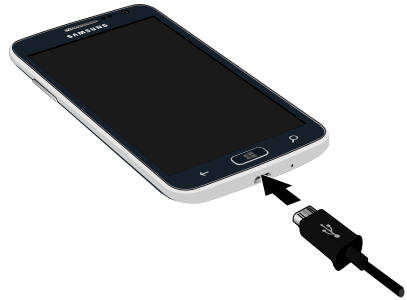
Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Using the Travel Charger

1. With the battery installed, locate the Power/Accessory Interface connector at the bottom of the phone.

Important! Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.

2. Plug the flat end of the Travel Charger into the phone's interface connector jack and the other end into a standard AC wall outlet.



Note: When you connect the Travel Charger, your phone powers on automatically. Your Windows phone stays powered on whenever it is charging.

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

3. When charging is finished, remove the flat end from the interface connector jack on the phone.

Note: Failure to unplug the wall charger before you remove the battery can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the "Battery critically low" warning appears and the device sounds a warning tone at regular intervals. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Solid white ( ) indicates a full charge.

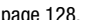
When the battery level becomes too low, the phone automatically turns off.

Note: If the phone automatically turns off because the battery level is too low, you must charge the battery until the phone turns on automatically.

Switching the Phone On or Off

1. Press and hold the **Power key** (on the upper right side of the phone) until the phone switches on.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Changing Your Settings"* on page 128.

2. To switch off the phone, press and hold the  **Power key** until the lock screen displays with the message **slide down to power off**.
3. Touch the screen and sweep downward.

goodbye displays and the phone switches off.

Locking and Unlocking the Touch Screen

1. Press the **Power key** to lock the touch screen.
2. Press the **Power key** again to display the main screen then sweep your finger upwards across the glass to unlock the touch screen.

Using the Start-up Wizard

The very first time you turn on your phone the Start-up Wizard screen displays.

1. Touch **get started**.

   The **CHOOSE A LANGUAGE** screen displays. The language you choose determines how text displays on your phone.

2. Touch the language you want to use and touch **next**.

   If you choose a language other than English, the Switch your language screen displays. Touch **ok** to restart the phone and change the language or touch **cancel** to return to the Choose a Language screen.

   The **WINDOWS PHONE TERMS OF USE** screen displays.

3. Read the Windows Phone Terms of Use and the Privacy Statement, and touch **accept**.

   The **SET UP YOUR PHONE** screen displays.

4. Touch **recommended** to allow the Start-up Wizard to configure your phone to the recommended settings.

   – or –

   Touch **custom** to manually configure the phone yourself. If you select **custom**, follow the on-screen instructions.

   Another **SET UP YOUR PHONE** screen displays.

5. If necessary, touch the **What's your home country/region?** field, scroll through the list of countries/regions, and touch your country/region.

   If necessary, touch the **What time zone are you in?** field, scroll through the list of time zones, and touch the time zone of your choice to highlight it.

Note: The following date and time fields are displayed if no SIM card is installed in your phone or if the **Set date+time automatically** option is **Off**.

If necessary, touch **What's the date today?** to set the month, day, and year and touch **What time is it now?** to set the current time.

Touch **next**.

The **CONNECT TO WI-FI** screen displays.

6. To connect to an available Wi-Fi connection, touch one of the listed Wi-Fi networks, enter the password, and touch **Done**.

   – or –

   To add a Wi-Fi network, touch **add** and follow the on-screen instructions.

   – or –

   To sign in to Wi-Fi later, touch **Skip**.

   The **Keep your life in sync** screen displays.

   To keep your photos, contacts, music, documents, and more in sync with your PC or Xbox, you need a Microsoft account. If you already have an Xbox, Zune, Hotmail, Live, or Messenger ID, you already have a Microsoft account. For more information, refer to *"Setting Up a Microsoft Account"* on page 70.

7. To sign into your existing account, touch **sign in**.

   – or –

   To create a new Microsoft account, touch **create one**.

   – or –

   To create an account later, touch **Sign in later**.

Note: If you choose **Sign in later**, a **Microsoft account required** screen displays when you try to use a feature that requires that you be signed in. You can sign in at that time.

When you are finished, the **SETTING UP YOUR PHONE** screen displays.

8. When all the apps have finished installing, touch **next**.
   The **All done** screen displays.
9. When all the apps have finished installing, touch **done**.
   The **SD card found** screen displays, if you have installed a microSD card.
10. Touch **yes** to set your phone to store new pictures, music, and videos on your SD card.
    The **Home** screen displays.

Setting Up Your Voice Mail

1. From the **Home** screen, touch **Phone**, then touch **voicemail**.
   When connected, you may be prompted to enter a password.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From the **Home** screen, touch **Phone**, then touch **voicemail**.
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail from Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Phone Updates

Updating your phone can make it work better and add new features. Updates can also make your phone more secure.

To check for a phone update:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **phone update**.

For more information, refer to *"Phone Update"* on page 141.

When an update is available, a notification message from the server displays saying **An update is available**.

To learn more and install the update:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **about** ➔ **more info**
   Make a note of the **OS version** and **Firmware revisi number**. These can be used to verify a successful update.
3. To prepare for an update, give your phone a quick charge before starting the update.
   If you have limited storage space on your phone, make some room for the update. If necessary, remove a few unwanted apps or other large items.
   If you would rather not use cellular data to download updates, connect to Wi-Fi before you update your phone.
4. When an update is available, you will get a notification on your phone. After you see the notification, pick a convenient time to install it because the update process can take a while.
   If you need to find an update after you have been notified, from the **Home** screen, sweep the screen left to display the App List. Touch **Settings** ➔ **system** ➔ **phone update**, and then follow the prompts to download and install the update.
5. Once the update is complete, from the **Home** screen, sweep the screen left to display the App List. Touch **Settings** ➔ **system** ➔ **about** ➔ **more info**.
   Check the **OS version** and **Firmware revision number**. Compare these numbers to the numbers you noted in Step 2 to further insure that the update was successful.

Troubleshooting

If your phone is frozen or unresponsive, try the following:

1. Restart your phone by pressing and holding the **Power key** until the phone turns off. The phone will power off and then turn on automatically.
2. If restarting your phone does not solve the problem, turn off the phone, remove and replace the battery, and turn on the phone.

Windows Phone 8 and MicroSD Cards

If you need more storage on your Windows Phone 8 or you want to share some media files using a memory card, you can do both with a microSD memory card.

For more information see:

www.windowsphone.com/en-US/How-to/wp8/basics/use-an-sd-card-to-add-space.

Inserting a MicroSD Card into a Windows Phone 8

To insert a microSD card into your phone:

1. Insert the microSD card into the SD slot located on device. For more information, refer to *"Installing the Memory Card"* on page 8.
2. From the **Home** screen, sweep the screen left to display the App List.
3. Touch **Settings → system → phone storage** to verify that the microSD is being used.

Formatting a MicroSD Card

Once the microSD has been installed in your phone, you can format the SD card.

Warning! Formatting the SD card will erase all files (music, videos, pictures, and so on) on the card.

To format a micr SD card:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **phone storage** ➔ **SD card** ➔ **format SD card**.
3. Touch **yes** to confirm.

Note: Formatting erases all user data stored on the microSD card.

Changing Storage Settings

You can change the storage settings at any time to choose between storing things, such as pictures, music, or videos, on a microSD card or storing them on your phone.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **phone storage**.
3. Touch **Store new music + videos on** and then touch **phone** or **SD card**.
4. Touch **Store new pictures on** and then touch **phone** or **SD card**

Checking Storage Space

To check the amount of used and total space for the phone and SD card:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **phone storage**.
   Used and total space are displayed under phone and SD card.
3. Touch **phone** or **SD card** to see how space is being used and how much free space is available.

Remove a MicroSD Card from a Windows Phone 8

If you want to use the microSD card in your computer or another device, be sure to take the card out of your phone properly.

To remove a microSD card from a Windows Phone 8 phone:

1. From the **Home** screen, sweep the screen left to display the App List.

   Touch **Settings** ➔ **system** ➔ **phone storage** ➔ **SD card** ➔ **remove SD card**.

   Touch **yes** ➔ **ok** to confirm.

2. Open the battery cover, remove the microSD card from the SD slot, and replace the battery cover.

Managing Files on a MicroSD Card in your Phone

It is possible to move files to or from the microSD card in your phone from or to your PC.

1. Connect your phone to a PC using a USB cable.

   A Windows Phone pop-up screen displays on your PC.

2. Click **Browse Files**.

   Windows Explorer (Windows 7, Windows Vista, or Windows XP) or File Explorer (Windows 8) opens and you should see SGH-I187 listed with your other drives.

3. Click **SGH-I187** and then click **SD card**.

To move files between your phone and your PC:

1. Right-click the file you want to copy and click **Copy**.
2. Right-click in the folder you want to move the file to and click **Paste**.

Formatting a Windows Phone 8

Normally, if you want to reset your phone to the factory default settings:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **about** ➔ **reset your phone**.

   A WARNING! screen displays.
3. Follow the on-screen instructions.

For more information, refer to *"About"* on page 141.

After formatting is complete, the Start-up Wizard screen displays. For more information, refer to *"Using the Start-up Wizard"* on page 12.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone.

Features of Your Phone

Your phone is lightweight, easy-to-use, and offers many useful features. The following list outlines a few of the features included in your phone.

- Band / Modes:
  - LTE Quad-band 4, 17, 2, and 5
  - HSPA+ Tri-band 21 Mbps
  - EDGE/GPRS Quad-band
- Microsoft Windows 8.0 platform
- Brilliant 4.77 inch HD TFT display
- Touch screen that provides quick response to a variety of in-phone menus and options including applications and a home screen
- NFC (Near Field Communication) allows data exchange with other devices
- Ready access to the Internet
- Built-in Bluetooth and advanced Wi-Fi technology
- 8 Megapixel camera and video recorder with Front Facing camera
- AT&T GPS Navigation functionality provides real-time navigation
- Up to 32 GB expandable memory slot
- 16 GB memory and 1 GB RAM
- Support for microSD and microSDHC memory cards up to 64GB capacity
- Corporate and Personal Email
- Sync and update social network applications
- Applications, music, and games available to download from the Microsoft Store.
- Virtual (on-screen) QWERTY keyboard

Front View of Your Phone

The following items can be found on the front of your phone as illustrated:

1. **Status light**: Displays red when charging, green when fully charged, blue when powering up, and orange when a notification has arrived.
2. **External speaker**: Used to hear the caller.
3. **Proximity and Light sensors**: The Proximity sensor detects how close an object is to the surface of the screen (for example, when your face is against the phone during a call or the phone is in your pocket), locks the keys to prevent accidental key presses, and turns off the screen. Light sensors use the ambient light level to adjust screen brightness and contrast.
4. **Front-facing Camera Lens**: Used when taking a photo of yourself.
5. **Indicator icons**: Shows the information needed to operate your phone, such as the received signal strength, phone battery level, and time. If the icons are not showing, touch the top of the display to show them.
6. **Display**: Shows the information needed to operate your phone, such as the Application Tiles, icons, dialer, messages, and so on.

7. **Applications Menu key**: Scroll to the bottom of the **Home** screen and touch **Apps** to access the applications menu.

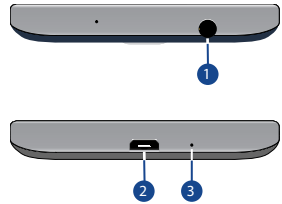
   You can also sweep your screen to the left to access the Applications Menu.

8. **Back**: Used to step backwards when navigating a menu or web page. Touch and hold the Back key to view the current screen and up to six screens most recently displayed.
9. **Start key / Window key**: Access the **Home** screen from any screen. Touch and hold to activate the voice search engine.
10. **Bing search key**: Access the Bing search engine, which allows you to search for items on the internet, scout, music, vision, and voice. For more information, refer to *"Bing Search"* on page 26.

Note: Some applications, such as People and Store, display a search button that allows you to search within that application.

Top and Bottom Views of Your Phone

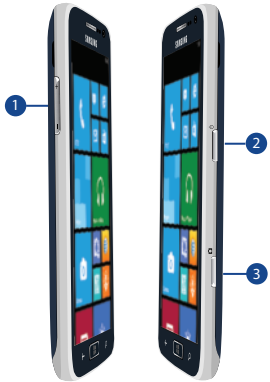
The following items can be found on the top and bottom of your phone as illustrated below.



1. **3.5mm Headset jack**: Plug in for headphones.
2. **Power/Accessory Interface connector**: Used to connect a Travel Charger or other optional accessories such as a USB/data cable.
3. **External speaker**: Allows you to hear when the Speakerphone is turned on.

Side Views of Your Phone

The following items can be found on the sides of your phone as illustrated below.



1. **Volume key**: Adjusts the ringer volume while in standby mode or adjusts the voice volume during a call. When receiving an incoming call, briefly press down either end of the volume key to mute the ring tone. Also used to adjust the volume while playing music or videos. While using the Radio, in Music & Videos, press the volume key to display additional tuning controls.
2. **Power / Lock key**: Press and hold until the phone switches on. Press and release to lock or unlock the touch screen. For more information on locking your phone, see *"Locking and Unlocking the Phone"* on page 27.
3. **Camera key**: Used to take pictures or record videos. Press and hold to launch the Camera, even when the display screen is off and locked.

Back View of Your Phone

The following items can be found on the back of your phone as illustrated below.

1. **Flash**: Lets you take pictures when the lighting is poor.
2. **Camera lens**: Used to take pictures and shoot videos.
3. **External speaker**: Allows you to hear when the Speakerphone is turned on.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to *"Front View of Your Phone"* on page 21.

Indicator Icons

This list identifies the symbols that display on your phone's display and Indicator area:

Note: If there are no icons displayed, touch the top of the screen to display them.

Current signal strength. The greater the number of bars, the stronger the signal.

There is no SIM card in the phone.

The SIM card is locked.

Call forwarding is active. For more information, refer to *"Phone"* on page 150.

Battery charge level. Icon shown is fully charged.

The battery is charging. Alternates with the battery charge level. Also displays when the phone is connected to a computer via a supported USB cable connection.

Battery critically low, which means your battery needs to be charged soon or your phone will turn off.

Your phone is actively connected to an EDGE network.

Your phone is actively connected to a 4G network.

Your phone is actively connected to a 4G LTE network.

The ringtone is set to vibrate only.

The ringer and vibrate are off.

Bluetooth is activated and your phone has been connected with a Bluetooth device.

Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Wi-Fi is active, but there is a communication issue with the target Wireless Access Point (WAP).

Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 128.

Application Icons

The Application menu provides quick access to the items you use most frequently.

For information on navigating through the Applications icons, see *"Navigating to the Application Menu"* on page 28.

1. From the **Home** screen, use your finger to sweep the display to the left

   – or –

   Scroll to the bottom of the **Home** screen and touch **Apps**, then touch one of the application icons.
2. Follow the on-screen instructions.
3. To return to the **Home** screen, press **Home**.

For more information, refer to *"Applications"* on page 103.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

To open applications quickly, pin the icons of frequently-used applications to the **Home** screen. For details, see *"Customizing Your Home Screen"* on page 29.

Bing Search

The Bing Search Bar provides an on-screen Internet search engine. It also listens to music and searches for it, scans text that can be used as a search term, and lets you say a search term.

Tip: Some applications, such as People and Store, display a search button that allows you to search within that application.

1. From any screen, touch **Search**.
2. The first time you use the Bing Search, you are prompted to allow the application to access and use your location. This can help in the search procedure. Touch **allow** or **cancel**.
3. Touch the Bing Search bar.
4. Use the on-screen keyboard to enter the item you want to search for.
5. Touch → to see search results and then touch on a link.

6. Touch **voice** to use Voice Search. Speak the word you want to search for, then follow the on-screen instructions.
7. Touch **music** to launch Bing audio search and the phone starts listening for music. If the recorded sample can be found in the Store, the artist and song appears in a pop-up window with a direct link to the Store, which lets you purchase and download the song.
8. Touch **vision** to scan barcodes, QR Codes, Microsoft Tags, book covers, CDs, DVDs, or text.
9. Touch **Menu** to access the following options:
   - **music history**: After touching **music** and searching for music, your matches are saved here for future reference.
   - **settings**: Opens the Search settings screen. For more information, refer to *"Search"* on page 152.

Menu Navigation

You can tailor the phone's range of functions to fit your needs using menus. Menus, sub-menus, and features can be accessed by scrolling through the available on-screen menus.

Locking and Unlocking the Phone

To unlock your phone:

1. Press the **Power / Lock key** located on the upper right side of your phone.
   The lock screen displays.
2. Sweep the lock screen in an upward direction.
3. The **Home** screen displays (see *"Front View of Your Phone"* on page 21).

Home Screen Overview

The **Home** screen is the start ng point for many applications and functions, and you can pin items like application icons, shortcuts, contacts, and web pages to your **Home** screen to give you instant access to information and applications. The **Home** screen is accessible from any menu or application by pressing **Home**.

Navigating to the Application Menu

Follow these steps to navigate to the Application Menu:

1. At the **Home** screen, sweep the screen to the left.

   – or –

   Touch **Apps** at the bottom of the **Home** screen.

2. The Application Menu displays. Sweep the screen up or down to access all of the available application icons.

3. Touch one of the application icons.
4. To return to the **Home** screen, sweep the display to the right or touch **Back**.

Navigating Using Sub-Menus

Sub-menus are available when you are at any screen such as Phone, Contacts, Messaging, or Web and ••• displays at the bottom of the screen.

To access a sub-menu:

1. Touch ••• on the bottom right corner of your display.
   A sub-menu appears at the bottom of the screen. The icons are also labeled for easy identification.

Note: Not all screens have options available.

2. Touch a highlighted option and follow the on-screen instructions.

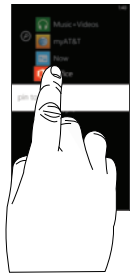
Customizing Your Home Screen

You can customize your **Home** screen by doing the following:

- Adding and Removing Application Tiles on the **Home** screen
- Repositioning Application Tiles
- Changing the Wallpaper

Adding a Tile from the Applications Menu

1. From the **Home** screen, sweep the screen to the left.
   – or –
   Touch **Apps** at the bottom of the **Home** screen.
   The Application Menu displays.
2. Touch and hold one of the application listings.
3. Touch **pin to start** after it displays under the icon.
   The application now appears as the bottom Tile on the **Home** screen. You can then move it if you would like.



For more information, refer to *"Moving Tiles on the Home Screen"* on page 30.

Removing a Tile from the Applications Menu

To delete an Application Tile from your **Home** screen:

1. From the **Home** screen, touch and hold the Application Tile that you want to remove.
2. Touch on the icon to delete the Tile.

   Tip: After deleting an Application Tile, you can add it back later by pinning it to the **Home** screen from the Applications Menu. For more information, refer to *"Adding a Tile from the Applications Menu"* on page 29.

Moving Tiles on the Home Screen

To move an Application Tile on your **Home** screen, follow these steps:

1. From the **Home** screen, touch and hold the Application Tile that you want to move.
2. Drag the Tile to the new location and release.
3. Touch the center of the icon to place it in the new location.

   Be careful not to touch the icon, which deletes the Tile.

Customizing the Lock Screen

You do not even have to unlock your phone to get a picture of what is happening in your day. And you get to choose what you want to see, including:

- Phone calls and voicemails
- Text messages
- Email messag
- Upcoming calendar appointments
- Game notifications
- Notifications from some of the apps you get in the Store

You can also pick the image that greets you when you turn on your phone. Pick one you like best or show an image from Bing. If you are playing music, a picture of the artist can be displayed.

To choose what you would like to see on your lock screen:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **lock screen**.

For more information, refer to *"Lock Screen"* on page 130.

Changing the Lock Screen Background

You can change the background (wallpaper) of your Lock screen by following these steps:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **lock screen** and touch the **Background** field.
3. Touch **Bing** to use the Bing screen image.

   – or –

   Touch **photo** ➔ **change photo** and then touch the **Backgrounds** folder or any other picture folder that you want.
4. Touch on a photo thumbnail and, when it is enlarged, touch the icon.
5. Touch the **Power / Lock key** twice to view the new Lock screen background.

Changing Your Color Theme

You can change the color theme of your phone by following these steps:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **theme**.
3. Touch the **Background** field and then touch on **dark** or **light** to set your background color.

Note: Battery power is consumed at a faster rate when the background is set as **light**.

4. Touch the **Accent color** field and then touch on a color that you like.

Note: The Accent color used in this manual is cyan.

5. Press **Home** to return to the **Home** screen.

Pick Ringtones and Sounds

You can assign ringtones to people and choose sounds for alerts. Pick just the right tunes, jingles, rings, or songs to suit your tastes.

To change a ringtone for a contact:

1. From the **Home** screen, touch **People** and sweep the screen to the left or right to display the **all** screen.
2. Touch the contact you want to change, then touch **edit**.
3. Touch **ringtone**, then touch the ringtone you want to assign.

To change any other ringtone or alert:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **ringtones + sounds**.
3. Touch the type of ringtone or alert you want to change, then choose the sound you want to use.
4. Touch **get more** to add ringtones to your phone.

For more information, refer to *“Ringtones and Sounds”* on page 128.

Speech Engine

There is an intuitive speech engine integrated into the **Home** key on your phone.

1. From any screen, press and hold **Home** to activate the intuitive speech engine.
2. Speak the words that you would like to search on or the action that you would like to perform.

   The following examples show the flexibility of the speech engine:

   - "Call Chris mobile"
   - "Find coffee in Seattle"
   - "Open calendar"
   - "Text Brandy"
   - "Note send birthday card"
3. Touch **Privacy Statement** to display the Windows Phone 8 Privacy Statement.
4. Touch **accept** to allow Microsoft to use your voice data to provide and improve the service, which makes additional features available to you.
5. To change speech settings, see *"Speech"* on page 140.

Entering Text

Your phone uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. Your phone comes equipped with an orientation detector that can tell if the phone is being held in a portrait (upright) or landscape (sideways) orientation.

Keys

The keys on the QWERTY keyboard are associated with alphabetic letters, special characters, or numbers.

Based on your keyboard settings, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase unless you touch the Shift key ( ) or enter a period. After entering a character, the cursor automatically advances to the next space. For more information, refer to *"Keyboard"* on page 138.

For certain fields, such as the New Message **To** field, a dialer keypad displays when you touch the **123** key to enter a recipient's phone number. For more information, refer to *"Messaging"* on page 58.

Using the QWERTY Keyboard

The keyboard provides keys labeled with alphabetic characters. Touch the key corresponding to the character you want to enter.

The following keys perform special functions when entering text. Some keys may perform differently depending on the field in which text is being typed.

1. **Shift:** Used to switch between uppercase and lowercase characters.
2. **123** or **&123:** Touch once to type special characters and numbers that appear on the QWERTY keys. Examples: $, #, !, 1, 2. After all characters and numbers have been selected, touch **abcd**.
3. **Semicolon** or : Touch the semicolon to separate addresses or phone numbers.

   Touch to display two screens of Emoticons.

   Touch a character on the screen. After all characters have been selected, touch **abc**.
4. **@** or **Comma**: Touch once to type the character displayed, which may be the @ character or a comma, depending on the field in which text is being typed.
5. **Space**: Touch to insert an empty space.
6. **Enter:** Touch to move the insertion point to the next line in a message.
7. **Backspace**: Touch to delete the previous character, similar to the backspace key on a computer keyboard.

Changing the Text Input Mode

There are three main keyboard layout keys that change the on-screen keys within the QWERTY keyboard.

The available Text Input modes are:

Symbol and Number Mode: Activates the symbol and number keys.

Alphabetic Mode: Activates the default alphabet keys. Switch between uppercase and lowercase by touching the shift ( ) key.

Emoticons: Activates the Emoticon keys.

Note: When in **abcd** mode, the **&123** key appears. When in **&123** mode, the **abcd** key appears.

Using Alphabetic Mode

Whenever you enter text (while creating a message, an email, and so on), if desired, rotate your phone counterclockwise to a landscape orientation.

A screen similar to the following displays:

The Text Input mode is initially set to **abcd** mode.

Note: Some Text Input screens display black keys on a light background.

1. Touch the desired alphabetic characters. After typing the first letter, the following letters are lowercase.
2. Touch to input another uppercase letter. Touch twice to switch to caps lock mode and the shift key changes to . All following letters are uppercase until you touch again.

Using Symbol and Numeric Mode

Use Symbol and Numeric mode to type numbers and symbols.

1. Touch &123 at the bottom of the screen.
2. Touch the desired number and symbol characters.
3. Touch either → or ← to cycle through additional pages.
4. Touch abcd to return to Alphabetic mode.

Using Emoticon Mode

Use Emoticon mode to add combinations of characters to your text input.

1. Touch ☺ at the bottom of the screen.

Note: Emoticons are not available for some input fields.

2. After all characters have been selected, touch **abc** to return to Alphabetic mode.

Using Text Suggestions

Based on your keyboard settings, your phone suggests alternatives to what you are typing including correct spelling of words similar to what you are entering. For more information, refer to *"Keyboard"* on page 138.

1. Touch a text input field.

Note: Text suggestion and spelling check are not available for some input fields.

2. Begin typing a word.

   A list of word options displays.
3. Touch one of the words to replace the word that has already been typed or sweep across the list of words for more word suggestions.

   If you replace the word, a space is entered after the word and the cursor automatically advances to the next space.
4. Continue typing.

Keyboard Settings

You can customize the way your phone handles certain functions while you enter text. You can also remove all the words you have added to your suggestion list.

For more information, refer to *"Keyboard"* on page 138.

Copy and Paste

Windows Phone 8 supports copy and paste. This feature is automatically enabled. You can copy text from most locations on the phone and paste it in most places you can type. Some locations enable you to copy a specific text string by highlighting it. Other locations enable you to copy an entire section of text by using a menu option.

Copy with the Highlight Option

To copy text that supports the highlight option:

1. Touch the text you want to copy to highlight it.
2. Drag the arrows at each end of the highlighted text until only the text you want to copy is highlighted.
3. Touch the copy icon that displays near the highlighted text.

The following locations support the highlight option:

- Webpages in the browser
- Bodies of email messages
- Office documents
- Editable fields in native applications.

Copy with the Menu Option

To copy text that supports the menu option:

1. Touch and hold the text or link you want to copy until the menu appears.
2. Touch **copy** or **copy link**.

The following locations support this option:

- Headings of email messages.
- Directions in maps.
- Links in the browser.
- Information in contact cards and social networking profiles in the People hub.
- Messages you have sent or received.
- Details pages for local search results.

Pasting Copied Text

To paste text that you have copied:

1. Touch where you want to paste the text.
2. Touch the paste icon in the text suggestion bar above the keyboard.

   After you paste the text, the paste icon disappears. However, you can paste the copied text again by panning from left to right in the text suggestion bar to bring back the paste icon, and then touching the paste icon.

You can paste text in editable fields in native applications including password fields.

Note: When you copy text with special formatting (such as bold, italic, or lists) or images, the text appears when you paste it, but not the formatting or images.

Note: Copying and pasting works only for languages that use a Latin alphabet.

Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information on call settings, see *"Phone"* on page 150.

Making a Call

1. From the **Home** screen, touch **Phone** ➔ **keypad** and use the on-screen keypad to enter the number you want to dial.
2. Touch **call** to make the call.

Making an International Call

1. From the **Home** screen, touch **Phone** ➔ **keypad**, then touch and hold 0 +. The **+** character appears.
2. Use the on-screen keypad to enter the country code, area code, and phone number.

   If you make a mistake, touch until the desired numbers have been deleted.
3. Touch **call** to make the call.

Correcting an Entered Number

After entering a number using the keypad, use the following steps to correct a mis typed entry when dialing.

1. If you make a mistake, touch to erase a single character.
2. Touch and hold to erase the entire string of numbers.

Ending a Call

To end a phone call:

- Touch **end call**.

Dialing a Recent Number

All incoming, outgoing, and missed calls are recorded in the **history**. If the number or caller is listed in your People, the associated name is also displayed.

1. From the **Home** screen, touch **Phone**.

   The **history** screen displays.
2. Touch an entry to enter the contact's detail page, then touch **call number** or **text**.

Making a Call from People

You can store phone numbers that you use regularly in the phone's memory. These entries are collectively called **People**.

For further details about the **People** feature, see *"Dialing or Messaging from People"* on page 49.

Answering a Call

When a call is received, the phone rings and displays the caller's phone number and name if stored in People.

1. At the incoming call screen, touch **answer** to answer the call or **ignore** to send the call to your voicemail.
2. Touch **end call** to end the call.

Note: You can answer a call while using other applications. After ending the call, the phone returns to the previously active function screen.

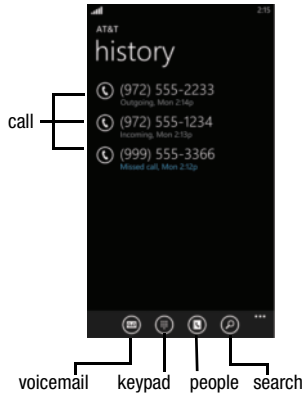
History

The phone stores the numbers of the calls you have dialed, received, or missed in the history. The history displays the details of the call.

- From the **Home** screen, touch **Phone**.

  The history screen displays. If the number or caller is listed in your People, the associated name displays.

  All calls made, received, and missed are listed. Types of calls are identified on the history screen as Incoming, Outgoing, or Missed.



Calling Back a Missed Call

To call back a missed call number:

1. From the **Home** screen, touch **Phone**.
   The history screen displays a list of recent calls. If the number or caller is listed in your People, the associated name displays.
2. Touch **call** to call the displayed number.

Saving a Recent Call to your People

1. From the **Home** screen, touch **Phone**.
   The history screen displays a list of recent calls.
2. Touch the call you want to save to your People.
   The profile screen displays.
3. Touch **save**.
   The CHOOSE A CONTACT screen displays.
4. Touch **new** to add the caller as a new contact or touch an existing contact to edit manually.
   The EDIT PHONE NUMBER screen displays. The **Phone number** and **Phone number type** fields are automatically filled in with the information of the recent call.
5. Touch the **Phone number** or the **Phone number type** field and use the keypad to edit, if necessary.
6. When finished, touch **save**.
   The NEW MICROSOFT ACCOUNT CONTACT screen displays with the Phone number already added.
7. Touch the other fields to add name, other phone numbers, email, ringtone, and other information.
8. Touch **save**.

For further details about the **People** feature, see *"Adding a New Contact"* on page 48.

Sending a Message to a Recent Call

1. From the **Home** screen, touch **Phone**.
   The history screen displays a list of recent calls.
2. Touch the call entry to which you want to send a message.
   The call detail page displays.
3. Touch **text**.
4. Use the keyboard to type in a message.
5. When you are done with your message, touch **send**.

For more information, refer to *"Creating and Sending Text Messages"* on page 58.

Deleting a Call from History

1. From the **Home** screen, touch **Phone**.
   The history screen displays a list of recent calls.
2. Touch and hold the call you want to delete from the call log.
3. Touch **delete item**.
   The call is deleted from the call history.

Options During a Call

Your phone provides a number of control options that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the earpiece volume, use the **Volume** keys on the left side of the phone.

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

From the **Home** screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several options available by touching a corresponding on-screen button.

- **end call**: Terminates the call.
- **dialer** : Displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **speaker**: Routes the phone's audio through either the speaker or through the earpiece. Touch speaker to turn on the speakerphone. Touch again to turn it off.
- **mute**: Turn the onboard microphone either on or off. Touch to mute your phone during a call. Touch again to unmute.
- **hold**: Puts a call on hold. Touch to put the present call on hold. Touch again to reconnect.
- **bluetooth**: This option appears if a Bluetooth device is active. Touch to activate the Bluetooth device.
- **add call**: Allows you to add another call to your present conversation. For more information, refer to *"3-Way (Multi-Party) Calling"* on page 45.

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress, if your network supports this service.

1. While on a call, touch **hold**.

   The hold icon changes colors. This action places the current caller on hold.

2. You can reactivate this call later by touching **hold** again.

Making a New Call During a Call in Progress

1. Touch **add call**.

   The history screen displays.

2. Select a number from your recent calls, or touch **keypad** to dial a number.

   You can also touch **people** to enter a number from your contacts list. Enter the number to add and touch **call**.

   Once connected, the active call appears on the call screen and the call on hold appears in a box at the top of the display.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Touch the bar at the top of your display to swap between the two calls.

   The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call appears on the call screen.
2. Touch the bar at the top of your display again to swap back.
3. Touch **end call** to end the currently active call. The call on hold is then reconnected.

Answering a Call During a Call in Progress

1. There are several options available when a call is received when you have a call in progress. Touch one of the following:
   - **answer**: Allows you to answer the incoming call and put the first call on hold.
   - **ignore**: Sends the new call to your voicemail. The first call stays connected.
   - **text reply**: To send a predefined text message to the caller, touch one of the following messages:
     – I'll call you back
     – Please text me
     – or –
     Touch **type a message** to compose a new message.
   - **end call + answer**: Allows you to answer the incoming call and end the first call.
2. If you selected **answer**, touch the bar at the top of your display to swap between the two calls.

3-Way (Multi-Party) Calling

The 3-Way or Multi-Party feature allows you to make or answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together.

1. While connected to two different callers (one is on hold), touch **merge calls**.

   The three calls are conferenced together and are displayed on the Conference screen.

2. Touch **end call** to end the conference call.

Section 4: Your People Hub

This section allows you to manage your daily contacts by storing their name, number, email, and other information in your phone using the People feature.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

Now, managing and keeping your contacts safe and accessible has never been easier!

AT&T Address Book

Upon activation of AT&T Address Book, the network backup service, contacts are automatically synchronized between your phone and online address book. The changes you make are automatically saved and if you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone.

Activating AT&T Address Book

To activate the AT&T Address Book, follow these steps (you only have to do this once):

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **AT&T Address Book**.

   – or –

   Touch **Settings** ➔ **email + accounts** ➔ **add an account** ➔ **AT&T Address Book**.

   An **AT&T Address Book** icon is added to the **Home** screen.
3. Touch **AT&T Address Book**.

   The AT&T Address Book Sync screen displays.

Tip: You can also manage your Address Book on the web at www.att.com/addressbook.

4. To sync your phone with the contacts in your online AT&T Address Book, touch **Yes**. When the sync is complete, touch **OK**.

   The AT&T Address Book Welcome screen displays.

   Also, the email + accounts screen now lists AT&T Address Book as an account.

AT&T Address Book Options

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **AT&T Address Book**.

   The AT&T Address Book Welcome screen displays the following options:

   - **Sync Now**: Automatically and securely back up your phone's People application in the AT&T Cloud.
   - **Sync Logs**: Display a list of Sync Logs, which are dated and time stamped. Touch a Sync Log to view details of the sync operation. Touch **Clear** to clear all sync log history.
   - **Sync Settings**: Touch and drag the slider to the right to turn on automatic check and sync of phone contact changes.
   - **Help**: Display information about the AT&T Address Book sync process.
   - **About**: Displays the AT&T Address Book Sync version.

Importing SIM Contacts to Your Phone

You can import all contacts from your SIM card to your phone.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **applications** ➔ **people**.
3. Touch **import SIM contacts**.

   The CHOOSE CONTACTS screen displays with all contacts from your SIM card listed.
4. Touch and uncheck any contacts that you do not want to import.
5. Touch **import**.

   The phone then copies all checked contacts from your SIM card to your phone.

Deleting People Entries

You can delete People entries from your phone's memory. To delete any People entry:

1. From the **Home** screen, touch **People**.
2. Within the People list, touch and hold a contact that you want to delete.
3. Touch **delete** on the displayed list.
4. If there are linked profiles for the contact, the **CHOOSE A PROFILE TO DELETE** screen displays. Touch the profile that you want to delete.
5. At the **Delete contact?** prompt, touch **delete** to delete the contact or **cancel** to exit.

Adding a New Contact

Use the following procedure to store a new contact to your People.

1. From the **Home** screen, touch **People**.
2. From the People screen, touch **new**.
   The CREATE CONTACT IN screen displays.
3. Touch **Microsoft account**, **AT&T Address Book**, or another account, if any are listed.
4. Touch the **add photo** icon and assign a picture to the new entry. Select a picture from your photos or touch **camera** to take a new picture with your camera. Touch when you have made a selection.
5. Touch **name** then touch the **First name** and **Last name** fields and use the on-screen keyboard to enter names for each entry. You can also scroll down to enter additional information. For more information, refer to *"Entering Text"* on page 33. Touch **save** to save your input.
6. Touch **phone** then touch the **Phone number** field. The numerical keypad displays. Enter a number.
   Touch the **Phone number type** field and select a number type. Touch **save** to save your input.
7. Touch **email** then touch the **Email address** field and use the on-screen keyboard to enter an email address.
   Touch the **Email address type** field and select an email type. Touch **save** to save your input.

8. Touch **ringtone** then select a ringtone from the displayed list.
9. Touch **other** then select any fields that you would like to add to the contact.
10. Touch **save** to save the contact information.

Editing an Existing Contact

When editing an existing contact, you can touch a field and change or delete the information, or you can add additional fields to the contact's list of information.

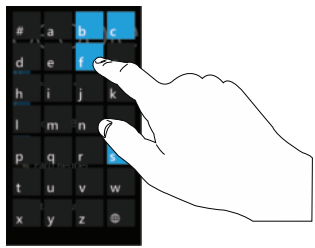
1. From the **Home** screen, touch **People**.
2. From the People screen, touch the contact that you want to edit.
3. At the contact profile screen, touch **edit** at the bottom of the screen.
4. Touch the fields that you want to edit and then use the keyboard to make any changes.
5. Touch **save** to save the edited information.

Using Your People List

Dialing or Messaging from People

Once you have stored phone numbers in your People, you can dial or message them quickly and easily.

1. From the **Home** screen, touch **People**.
2. Sweep the screen to the left or right to display the **all** screen.
3. Within the People list (sorted alphabetically), touch any letter (on the left side of the display) to display all of the letters for which you have People information.
4. Touch a highlighted letter to quickly jump to the contacts beginning with that letter.



5. Touch the contact you want to call or message.
6. Touch **call mobile** to make a phone call or **text** to send a message.

Note: Depending on the phone type that you entered when the contact was created, the display may show **call home**, **call company**, **call phone**, and so on.

For more information, refer to *"Creating and Sending Text Messages"* on page 58.

Searching for People

You can also find a contact in your People list by using the Search option.

1. From the **Home** screen, touch **People** ➔ **all** ➔ **search**.

   The search screen displays with a listing of all your contact's names.
2. Use the on-screen keyboard to type the beginning letters of the contact's name that you are trying to find.

   The list displays names that begin with the letters you have typed.
3. Touch a name in the list to display the contact's profile.

Linking People

Linking People Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts such as Microsoft account, Outlook, Google, AT&T Address Book, Facebook, Twitter, and LinkedIn. When you synchronize your phone with these accounts, each account creates a separate contact entry in the People list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Hotmail, but also has a Facebook account under her maiden and married name, as well as a Google account, when you merge these accounts into your Contacts list you can link all of her entries and view the information in one record.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 52.

1. From the **Home** screen, touch **People**.
2. Touch a contact name (the name you want to link to another entry). Typically, this is the same contact with a different name or account information.
3. Touch **link**.
4. Touch **choose a contact**.
5. Touch the second contact entry (the "link to" entry). The second contact is now linked with the first and the account information is merged into one screen.

Note: The information is maintained in the first entry that you selected.

6. Touch the linked contacts to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unlinking People

1. From the **Home** screen, touch **People**.
2. Touch a contact name (the account name from which you want to unlink an entry).
3. Touch **link**. A number displays over the link symbol showing how many contacts are linked to this contact.

   The names of all the contacts that are linked are displayed.
4. Touch the contact you want to unlink.
5. At the prompt, touch **unlink**.

   The contact is now “unlinked” and no longer displays in the merged record screen.

Synchronizing Accounts

From the Accounts menu, you CAN decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically.

After determining how you want the accounts to synchronize, indicate which account to synchronize with your People list.

To set up an account, follow these steps:

1. From the **Home** screen, touch **People**.
2. Sweep your screen to the left or right to display the **what’s new** screen, and then touch **set up account**.
3. Touch an account type to add. Select **Microsoft account**, **Outlook**, **AT&T Address Book**, **Google**, **Facebook**, **Twitter**, **LinkedIn**, or **advanced setup** (used for accounts that use Exchange ActiveSync).
4. Follow the on-screen instructions. The selected account type synchronizes with your People list.

People Options

You can access several options while viewing the details page for a specific entry.

1. From the **Home** screen, touch **People**.
2. Touch a specific contact entry.
3. Touch one of the following options:

pin: Touch the pin icon to pin this contact to your **Home** screen.

link: Touch the link icon to link several contacts together. For more information, refer to *"Linking People"* on page 51.

edit: Touch the edit icon to make changes in the contact's information.

share contact: Touch and then touch **share** to send a contact's information using Tap + Send, Bluetooth, Messaging, or an email account.

delete: Touch the options icon and then touch **delete** to delete the contact from your People list.

Additional People Options

Depending on your settings, additional information from accounts such as Facebook, Twitter, or LinkedIn displays on the profile pages of your contacts.

1. From your **people** list, touch a contact entry.

   Depending on the information available on your accounts, phone numbers, home addresses, company names, email addresses, birthdays, and so on, are displayed. There is also a **write on wall** option and a **send email** option.
2. Sweep the screen to the left on any contact profile to the **what's new** screen for that contact.

   Posts for the contact are displayed. Scroll down the posts to display additional posts.

Use the **filter my contact list** option to limit additional information from accounts such as Facebook, Twitter, or LinkedIn from displaying on the profile pages of your existing contacts. For more information, refer to *"People"* on page 149.

What's New

Synchronized accounts display information on the **what's new** screen. For example, if you add your Facebook account, you can see what your contacts are posting.

Importing Facebook Contacts

When you add your Facebook account, your profile picture displays at the top of your People list. Touch the picture to go to your Facebook profile. Also, your phone imports all of your Facebook contacts and creates a profile for each contact or adds information to existing profiles.

You can limit imported Facebook contact information to the existing contacts already on your phone. For more information, refer to *"People"* on page 149.

Recent Activities

From the recent screen you can see the contacts that you viewed last.

1. From the **Home** screen, touch **People**.
2. Sweep your screen to the left to display the **recent** screen, if necessary.
3. Touch a contact to see their profile.

Creating a New Room

Rooms allow you to share private calendars, group chats, photos and videos, and notes only with people you invite—such as family members, friends, or other groups.

The room displays four screens: **members**, **chat**, **calendar**, **photos**, and **notes**.

Note: A Family Room comes pre-loaded to get you started, and you can create new ones.

Use the following procedure to create a new room.

Note: Before using this function, you must set up a Microsoft account. For more information, refer to *"Setting Up a Microsoft Account"* on page 70.

1. From the Home screen, touch **People**.
2. Sweep to the **together** list, then touch **new**.
   The **ADD NEW** screen displays.
3. Touch **Room**.
   The **NAME YOUR ROOM** screen displays.
4. Use the on-screen keyboard to enter a room name.

5. Touch **save** to save the room name.
   The EDIT ROOM screen displays.
6. To invite members to the room, touch **invite**.
   The TEXT AN INVITE screen displays.
7. Scroll through your contacts and touch a contact to send an text invitation to the room.
8. Repeat Steps 6 and 7 until you have invited all your members. Touch **done**.
9. To change a room member's preferred phone number or email address or to remove a member from the room, touch an entry in the list of group members.
10. Touch **save** to save your changes.

Room Options

Once you have created a room, there are several options available for editing, deleting, and so on.

1. From the **Home** screen, touch **People**.
2. Sweep the screen to the left or right to display the **together** screen, then touch the room that you want to display.
   The room screen displays.
3. Touch **text** to send a text message to all members of the room.
4. Touch **email** to send an email message to all members of the room.
5. To display the EDIT ROOM screen, touch **members**.
   - To add more members to the room, touch **invite**.
   - Touch an entry in the list of room members to change that person's preferred phone number or email address or to remove the entry from the group. For more information, refer to *"Creating a New Room"* on page 54.
6. Touch **options** to display these options:
   - **pin to start**: Pin the room to the Home screen.
   - **choose background**: Change the background of the room.
   - **rename**: Rename the room.
   - **delete room**: Delete the room.
   - **learn about rooms**: Display more information about rooms.

Note: If you delete a room, the contacts within the room are not deleted.

Rooms Chat, Calendar, Photos, and Notes

Rooms allow you to share private group chats, calendars, photos and videos, and notes only with people you invite to the room.

1. From the **Home** screen, touch **People**.
2. Sweep the screen to the left or right to display the **together** screen, then touch the room that you want to display.
3. Sweep to the **chat** screen to chat with members of the room who are currently online using Messenger.
4. Sweep to the **calendar** screen to view a shared calendar which all room members can view and update.
5. Sweep to the **photos** screen to view photos and videos that anyone in the room can add.
6. Sweep to the **notes** screen to share notes with all room members.
7. Touch **options** ➔ **learn about rooms** to display more information about rooms.

Creating a New Group

The Group function makes it possible to make individually named groups of people, such as family, friends, coworkers, or social media friends. Once you create a group, you can pin it to your **Home** screen and it becomes a live tile. Notifications display as new posts, comments, or pictures are added to this group.

Use the following procedure to create a new group of your contacts.

1. From the **Home** screen, touch **People**.
2. Sweep the screen to the left or right to display the **together** screen and touch **new**.
   The ADD NEW screen displays.
3. Touch **Group**.
   The NAME THE GROUP screen displays.
4. Use the on-screen keyboard to enter a group name.
5. Touch **save** to save the group name.
   The EDIT GROUP screen displays.
6. Touch **add** to add someone to the group.
   The CHOOSE A CONTACT screen displays.

7. Scroll through your contacts and touch a contact to add it to the group.
8. Repeat Steps 6 and 7 until you have added all group members.
9. Touch an entry in the list of group members to change that person's preferred phone number or email address or to remove the entry from the group. Touch **save** to save the edited information or **cancel** to exit without saving the changes.
10. Touch **done** to save the group entries.

    The group screen displays the contacts that are in the group.

Group Options

Once you have created a group, there are several options available for editing, deleting, and so on.

1. From the **Home** screen, touch **People**.
2. Sweep the screen to the left or right to display the **together** screen, then scroll down and touch the group that you want to display.

   The group screen displays.
3. Touch **text** to send a text message to all members of the group.
4. Touch **send email** to send an email message to all members of the group.
5. To pin the group to the **Home** screen, touch **pin**.
6. To display the EDIT GROUP screen, touch **members**.
   - Touch **add** to add more members to the group.
   - Touch an entry in the list of group members to change that person's preferred phone number or email address or to remove the entry from the group. For more information, refer to *"Creating a New Group"* on page 56.
7. Touch **options** to display these options:
   - **rename**: Rename the group.
   - **delete**: Delete the group.

Note: If you delete a group, the contacts within the group are not deleted.

Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture) Messages
- Email Messages
- Online Messages

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

Important! When creating a message, adding an image to a text message changes the message from a text message to a multimedia message.

When messages are received, the number of messages displays in the Messaging icon 2 on the **Home** screen.

Creating and Sending Text Messages

To create a new message and send it to another mobile phone or an email address:

1. From the **Home** screen, touch **Messaging**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging**.
2. Touch **new**.
3. Touch the **To** field to manually enter a recipient. Touch 123 on the on-screen keyboard to enter a phone number.

   – or –

   Touch to the right of the **To** field to select a recipient from your People list. Valid entries must have a wireless phone number. Contacts with only an email address are not listed.

4. Touch to add additional recipients from your People list. Each contact is placed in the **To** field separated by a semicolon (;).

   – or –

   Add more recipients by touching the recipient field.

Note: Each additional recipient entry must be separated by a semicolon (;).

5. To remove recipients, touch the entry in the **To** field then touch **remove**. You can also **open** the contact's profile, **copy** the entry, or **cancel** and return to the New Message screen. Touch
6. Touch the **type a message** box and use the on-screen keyboard to type your message. For more information, refer to *"Entering Text"* on page 33.
7. Review your message and touch **send**.

Note: If you exit a message before you send it, the message is not saved.

Voice to Text Messages

To create a new message using your voice:

1. Create a new message and add recipients in the **To** field. For more information, refer to *"Creating and Sending Text Messages"* on page 58.
2. Touch **speak** and say your message when **go** is displayed. When you stop speaking, your words are displayed.
3. To repeat the message, touch **speak**.
4. Once your spoken message is correct, touch **send**.

Creating and Sending Multimedia Messages

A multimedia message is a message that contains a picture attachment. To create a multimedia message and send it to another mobile phone or an email address:

1. From the **Home** screen, touch **Messaging**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging**.
2. Touch **new**.
3. Touch the **To** field or touch to the right of the **To** field to select a recipient from your People list.

   For more information, refer to *"Creating and Sending Text Messages"* on page 58.
4. Touch **attach** to add a picture, video, your current location, a voice note, or a contact to the message.
5. To remove an attachment from the message, touch and hold on an attachment and then touch **remove** in the pop-up menu.
6. Review your message and touch **send**.

Messaging Threads

Any messages you have sent or received can be viewed in the Messaging **threads** list.

Sent and received text, picture, and online messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged between you and a contact or contacts similar to a conversation.

Message threads are listed in the order in which they were received, with the latest message displayed at the bottom.

Displaying a Messaging Thread

To view a messaging thread:

1. From the **Home** screen, touch **Messaging** ➔ **threads**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging** ➔ **threads**.

   The Messaging threads list displays any messages you have sent or received.

   - All messages to or from another phone or email address are grouped in one conversation.
   - Entries in the Messaging threads list contain the recipient's phone number, contact name, or email address, the time that the last message was received or sent, and the first words of the message.
   - An entry for Messaging threads with multiple recipients starts by indicating the number of recipients (such as **3 recipients**) and then the recipients are listed.

2. Touch an entry in the list.

   The Messaging thread displays. Each message to or from the recipient, and the time that the message was sent or received, is shown in a message box. Messages sent to you are shown in a From message box . Messages that you sent are shown in a To message box .

3. Touch the **type a text message** or **chat on Messenger** box and use the on-screen keyboard to type a reply message to the recipient. For more information, refer to *"Entering Text"* on page 33.

Viewing a Picture Attachment

To view a picture attached to a message:

1. Touch an entry in the Messaging threads list.
2. Locate the message box that contains the picture attachment.
3. Touch the picture to open the picture viewer and display the picture. Touch the picture with two fingers and drag outward to zoom in or drag toward the center of the picture to zoom out.
4. Touch **Back** to return to Messaging threads.

Viewing a Video Attachment

To view a video attached to a message:

1. Touch an entry in the Messaging threads list.
2. Locate the message box that contains the video attachment. The file name is underlined.
3. Touch the video file name in the message box.

   The video player opens and plays the video.
4. To pause playback of the video attachment, touch .

   To continue playback of the video attachment, touch .

   To stop playback of the multimedia message, touch **Back**.

Listening To an Audio Attachment

To listen to an audio attached to a message:

1. Touch an entry in the Messaging threads list.
2. Locate the message box that contains the audio attachment.
3. Touch the file name to open the audio player and play the audio file.

Deleting a Messaging Conversation

To delete a Messaging thread:

1. From the **Home** screen, touch **Messaging**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging**.

   The Messaging threads list displays any messages you have sent or received.
2. Touch and hold a message in the list, then touch **delete** in the pop-up menu.

   – or –

   Touch a message in the list, then touch ➔ **delete thread**.
3. Touch **delete** to delete all messages in the selected conversation or touch **cancel** to return to the Messaging threads list.

Deleting a Message

To delete a message in a Messaging thread:

1. Touch and hold the message box that contains the message you want to delete.
2. Touch **delete** in the pop-up menu.

   The Delete message? screen displays.
3. Touch **delete** to delete the message or touch **cancel** to return to the Messaging threads list.

Forwarding a Message

To forward a message in a Messaging thread:

1. Touch and hold the message box that contains the message you want to forward.
2. Touch **forward** in the pop-up menu.

   The New Message screen displays with the contents of the selected message included.
3. Touch the **To** field or touch to the right of the **To** field to select a recipient from your People list.

   For more information, refer to *"Creating and Sending Text Messages"* on page 58.
4. Touch **send** to forward the message.

Online Messaging

Once you sign in to your Microsoft account, you have access to Messaging and you can chat with friends online. To set your status:

1. From the **Home** screen, touch **Messaging** ➔ **online**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging** ➔ **online**.
2. Tap the screen where it says **set your chat status and see who's online**.

   – or –

   Touch **status**.

   The SET CHAT STATUS screen displays.
3. Touch one of the following options to set your chat status: **available**, **busy**, **away**, **invisible**, or **offline**.

Note: Touching any option other than offline causes your device to check and list who is online. Any contact who has a Microsoft account email address is listed along with their status. Recent chat threads are also listed.

Messaging Settings

To view and change messaging settings:

1. From the **Home** screen, touch **Messaging**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Messaging**.

2. Touch ••• ➔ **settings**.

   The messaging settings screen displays. For more information, refer to *"Messaging"* on page 147.

Using Email

Email enables you to review and create email using your Microsoft account, Outlook, Google, and several other email services. You can also receive text message alerts when you receive an important email.

Note: The options on screens and in menus may vary depending on the email account you have enabled.

Setting Up an Email Account

To set up an email account:

1. From the **Home** screen, touch **Email setup**.

   – or –

   From the **Home** screen, touch (**Email**) and then touch ••• ➔ **add email account**.

   – or –

   From the **Home** screen, sweep the screen left to display the App List and then touch **Settings ➔ system ➔ email + accounts ➔ add an account**.

   The ADD AN ACCOUNT screen displays with the possible email services choices.

2. Touch an email service, such as **Microsoft account**, **Outlook**, **Yahoo! Mail**, or **Google**.

   Touch **other account** to add other types of email accounts.

   For some email accounts, touch **advanced setup**. For more information, refer to *"Advanced Email Setup"* on page 65.

3. Enter your email address in the **Email address** field.
4. Enter your password in the **Password** field.
5. Touch **sign in**.

   If your email information is found, your account information is saved and your account is set up. Enter additional information if prompted.

Advanced Email Setup

For some email accounts, entering your email address and password may not be enough information. You may need to enter additional information.

1. Touch **advanced setup**.

   The ADVANCED SETUP screen displays.
2. Enter your Email address and Password and touch **next**.

   The next ADVANCED SETUP screen displays.
3. Touch **Exchange ActiveSync** or **Internet email**, depending on the kind of account you want to set up.

Note: If you are not sure which option to choose, check with your service provider.

4. On the EXCHANGE ACTIVESYNC screen, enter the **Domain** and **Server** information and adjust any other information as necessary.

   – or –

   On the INTERNET EMAIL ACCOUNT screen, enter the **Incoming email server** and **Account type** information and adjust any other information as necessary.
5. Touch **sign in**.

Important! Only some “Plus” accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid “Plus” account. Launch the Web browser to access your account.

Checking Your Email

When you have new email, a number displays in the Email icon on the **Home** screen. To check your email:

1. From the **Home** screen, touch the email icon (for example, Hotmail) of the account you want to check.

   The Inbox screen displays all email in your inbox.

2. Sweep the screen left or right to display **all**, **unread**, **flagged**, or **urgent** email.

   A list of email displays. For each email, the sender's name, the day the email was sent, the subject of the email, and the first words of the email are displayed.

3. Touch an entry in the list to open an email.

   – or –

   Touch and hold an email entry in the list to display the following options: **delete**, **mark as unread**, **move**, **set flag**, or **clear flag**. Available options may differ depending upon your email service provider.

Email Folder Options

The Inbox is one of many email folders. The options available while viewing a folder are located at the bottom of the screen. The options are:

new: Create a new email.

select: Display the email in this folder so they can be marked. Touch to the left of an email in the list to mark it with a check mark. Once you have marked the email, touch: **delete** or **move** or touch → **mark as read**, **mark as unread**, **set flag**, **complete**, or **clear flag**.

sync: Synchronize your email. For more information, refer to *"Syncing Your Email Account"* on page 71.

search: Use the keyboard to enter a word or phrase to search for in the current inbox.

- **folders**: Display folders. Touch **show all folders** to display a list of folders, which varies depending on the email account.
- **settings**: Displays the following email settings:
  - Touch **sync settings** to adjust various email account settings. For more information, refer to *"Email Account Settings"* on page 70.
  - Touch the **automatic replies** field and then touch and drag the slider to the right to turn the option **On**. This option can be used to automatically reply to others when you are unable to reply, for example, if you are on vacation.
  - From the **Conversations** field, touch and drag the slider to the right to turn the option **On**. Email in your inbox is organized by conversation, bringing replies to a thread into a consolidated view so it is faster and easier to stay on top of the conversation. Touch the check box that displays to show replies and email from all your synced folders.
  - Touch the check box to enable the **In conversations, show replies and email from all your synced folders** option.
  - From the **Signature** field, touch and drag the slider to the right to turn the option **On**. Touch the **type your signature here** or **Sent from my Windows Phone** field, and use the on-screen keyboard to create your signature.
  - Touch **Always bcc myself** to always generate a blind copy of the email for yourself.
  - Touch **Use light background for email** for a black on white format.
  - Touch to save your changes.
- **link inboxes**: Display this inbox and other inboxes to which it can be linked. For more information, refer to *"Linked Inboxes"* on page 72.
- **add email account**: Display the ADD AN ACCOUNT screen.

Touch and hold an email entry in the list to display the options **delete**, **mark as unread**, **mark as read**, **move**, **set flag**, **complete flag**, or **clear flag**, which is applied only to that one email.

Reading Email

When you touch an email entry in a folder, such as the Inbox, the email displays. Sweep up and down the screen to move through the email. Sweep across the screen to view the email. Touch each side of the email and sweep inward or outward to zoom in or out.

The options available while viewing an email are:

respond: Allows you to **reply**, **reply all**, or **forward**. In either case a new email is started that contains the current email information.

delete: Delete the email being viewed.

newer: Display the next email in the current folder that was received at a more recent time.

older: Display the next email in the current folder that was received at a later time.

toggle flag: Flag or unflag the email. When an email is flagged, it appears in the flagged list of email.

mark as unread: Mark the current email as unread.

move: Move the current email to another folder.

Creating and Sending an Email

To create a new email message and send it to another email address:

1. From the **Home** screen, touch an email icon, such as **Hotmail**.
2. Touch **new**.

   The New Email Message screen displays.
3. Touch the **To** field to manually enter a recipient. Use the on-screen keyboard to enter an email address.

   – or –

   Touch ⊕ to the right of the **To** field to select a recipient from your People list. Valid entries must have an email address.

4. Touch ⊕ to add additional recipients from your People list. Each contact is placed in the **To** field separated by a semicolon (;).

   – or –

   Add more recipients by touching the recipient field.

Note: Each additional recipient entry must be separated by a semicolon (;).

5. Touch the **Subject** field and use the on-screen keyboard to enter a subject for your email.
6. Touch the body of the email and use the on-screen keyboard to enter your message. For more information, refer to *"Entering Text"* on page 33.

The options available while creating an email are located at the bottom of the screen. The options are:

send: After you review your message, touch send to deliver it.

attach: Allows you to choose a picture. Sweep the screen to choose from **albums**, **date**, or **favorites**.

close: Allows you to **save** the email to the drafts folder or **delete** the email. Touch **Back** to cancel and keep editing the email.

speak: Touch speak and say your message when **go** displays. When you stop speaking, your words display.

priority: Set the email's priority to **high**, **normal**, or **low**.

show cc & bcc: Copy and blind copy additional recipients. Add recipients in these two fields similar to the way **To** recipients are added.

Setting Up a Microsoft Account

When you set up a Microsoft account, you are doing more than just setting up an email account. A Microsoft account is the email address and password you use to sign in to Hotmail, Xbox, Windows, Messenger, SkyDrive, and more.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **email + accounts** ➔ **add an account** ➔ **Microsoft accoun**

   The BEFORE YOU SIGN IN... screen displays.
3. Read the information, including the Windows Phone Terms of Use, and touch **next**.
4. Touch the **Microsoft account** field and enter your email address.
5. Touch the **Password** field and enter your password. Touch **Show password** to display the characters.
6. Touch **Allow Microsoft to email me information, tips, and offers about Windows Phone** to enable this option.
7. Touch **sign in**.

   The BACK UP YOUR STUFF? screen displays.
8. Follow the instructions to set up your Microsoft account to use SkyDrive, sync your text messages, and back up your phone settings.

Email Account Settings

Once your email account is set up, you may want to adjust some of your settings.

Note: Available options may differ depending upon your email service provider.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **email + accounts**.
3. Touch the email entry (for example, Microsoft account).

   The Settings for your email account (for example, MICROSOFT ACCOUNT SETTINGS) display.

4. Touch the field that contains the information you want to change. Fields display depending on the email account.
   - **Account name**: Use this field to change the name that appears on your phone for this account.
   - **Download new content**: Allows you to set how often you want your phone to download new email for this account. Possible values vary depending on the email account. If you choose manually, see *"Syncing Your Email Account"* on page 71.
   - **Download email from**: Allows you to limit the email downloaded to your phone for this account. Possible values are: the last 3 days, the last 7 days, the last 2 weeks, the last month, any time.
   - **Content to sync**: Indicates which content to synchronize between your phone and the account, such as, Email, Contacts, Calendar, and so on.
   - **User name**: Displays your user name.
   - **Password**: Displays your password.
   - **Server**: Displays the email server name.

Note: Some fields on this screen should not be changed without consulting your service provider.

Syncing Your Email Account

In order to view email messages on your phone for any email account, content has to be downloaded to your phone. *Syncing* is simply downloading content from your email provider and storing it on your phone. Use the following method if you choose to download new content manually:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **email + accounts.**
3. Touch and hold the email account that you want to sync.

   An option list displays.
4. Touch **sync**.

   Syncing displays while new content is downloaded.

Deleting an Email Account

To delete email accounts other than your Microsoft account:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **email + accounts.**
3. Touch and hold the email account that you want to delete.

   An option list displays.
4. Touch **delete**.

   A warning screen displays.
5. Touch **delete** to delete the account or **cancel** to return to the email + accounts screen.

Note: Your Microsoft account cannot be deleted.

Linked Inboxes

Each time you add a new email account, a tile is added to the **Home** screen with the email name and to the App list.

When you add more than one email account, it is possible to link two or more email accounts so you can see all messages from those accounts in one inbox. When email accounts are grouped in this way, one tile is displayed on the **Home** screen for each linked group instead of the individual email tiles. Linked inboxes can be renamed.

Creating Linked Inboxes

To create linked inboxes:

1. From the **Home** screen, touch **Email** for one of the email accounts that you want to link and then touch ➔ **link inboxes**.

   This inbox and other inboxes to which it can be linked are displayed.
2. Touch one or more of the other inboxes that you want to link to this inbox.
3. Touch **rename linked inbox** to give the linked inboxes a new name and touch to save the name.
4. Touch **Back** to exit linked inboxes set up.

Unlinking Inboxes

To unlink inboxes:

1. From the **Home** screen, touch a linked inbox and then touch ➔ **linked inboxes**.
2. Touch the email account listed under **this inbox** that you want to unlink.
3. Touch **unlink** to unlink the inboxes.

   The unlinked email account displays under **other inboxes**.

Section 6: Multimedia

This section explains how to use the multimedia applications delivered on your phone, including Camera, Music and Videos, Photos, and Photo Editor.

Camera

This section explains how to use the Camera application on your phone. You can take photos and record videos by using the built-in camera functionality. Your 8-megapixel camera produces photos in JPEG format and videos in MP4 format.

To access the Camera:

- From the **Home** screen, touch **Camera**.

  – or –

  From the **Home** screen, sweep the screen left to display the App List and then touch **Camera**.

  – or –

  Press the **Camera key** on the lower, right side of the phone.

Tip: Photos and videos are stored on your phone by default. To store photos and videos on an installed memory card, see *"Phone Storage"* on page 136.

Adding a Location Tag To Your Photos

The first time you open the Camera application, you are asked if a tag location, known as *Geotagging*, can be added to your pictures. This allows you to see where your pictures were taken. If you are interested in this service:

Caution! Be aware that your location may be present on a photo when posting your photos on the internet.

1. Touch **Privacy Statement** to view the Windows Phone 8 Privacy Statement Highlights document.
2. Touch **allow** or **cancel** to accept or reject location tagging.

Tip: To turn off Geotagging, see *"Photos and Camera"* on page 151 and uncheck the **Include location info in pictures I take** option.

The Camera screen displays.

Camera Screen

The following items can be found on the Camera screen as illustrated:

1. View Photos and Videos
2. Preview
3. Camera Key
4. Photo and Video Settings
5. Video Mode
6. Front Facing Camera
7. Flash / Lamp
8. Lenses

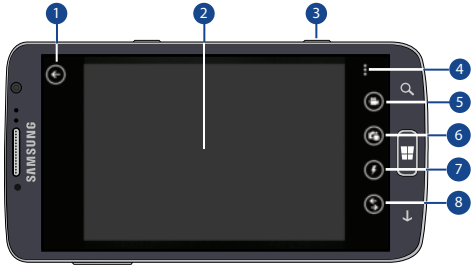


Photo and Video Recording Mode

To toggle between photo and video recording mode:

- Touch **video**.

displays when Video mode is enabled.

Once you change the mode, the corresponding options and settings appear. For more information, refer to *"Photo and Video Settings"* on page 77.

Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, and pressing the **Camera key**.

Important! Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

To take a photo:

1. Touch **Camera**.
   – or –
   Press the **Camera key**.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera lens (on the back of the phone) at the subject.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

3. Before you take a photo, pinch the screen to zoom out or stretch the screen to zoom out. You can magnify the picture up to 400 percent.
4. Before taking the photo:
   - To turn the flash On, touch **flash**. To turn the flash Off, touch . To use the automatic flash, touch .
   - To take a picture of yourself, touch **front** to enable or disable the front facing camera.
   - Touch → **photo settings** to access various photo options and settings. For more information, refer to *"Photo and Video Settings"* on page 77.
5. To take the photo, press the **Camera key** until the shutter sounds.
   – or –
   Tap the screen. For more information, refer to *"Photos and Camera"* on page 151.

Photos are automatically stored within your designated storage location.

Recording Videos

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. Touch **Camera**.

   – or –

   Press the **Camera key**.
2. Touch **video** to switch to video mode, which is indicated by .
3. Before recording your video:
   - To turn the lamp On, touch **lamp**. To turn the lamp Off, touch .
   - To take a video of yourself, touch **front** to enable or disable the front facing camera.
   - Touch → **video settings** to access various video recording options and settings. For more information, refer to *"Photo and Video Settings"* on page 77.
4. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera lens (on the back of the phone) at the subject.
5. Press the **Camera key** or tap the screen to begin recording video.
6. To stop the recording and save the video file to your Photos folder, press the **Camera key** or tap the screen.

Photo and Video Settings

To access various camera and video options and settings:

- Touch and then touch **photo settings** or **video settings**.

  The photo settings or video settings screen displays.

The following photo settings display:

- **Focus Mode**: Set focus to Normal or Macro.
- **White Balance**: Set this option based on your lighting situation.
- **Exposure Metering**: Generally refers to the way the camera itself comes about the correct exposure for a picture.
- **ISO**: Determines how sensitive the image sensor is to light.

- **Effects**: Change the color tone or apply special effects to the photo.
- **Contrast**: Adjust the contrast of the photo.
- **Saturation**: Control the intensity of the hues in your photo.
- **Sharpness**: Control the sharpness of your photo.
- **EV**: Helps you avoid underexposed (too dark) or overexposed (too light or white) photos or videos.
- **Photo Resolution**: Set the image size.

The following video settings display:

- **White Balance**: Set this option based on your lighting situation.
- **Effects**: Change the color tone or apply special effects to the photo or video.
- **Contrast**: Adjust the contrast of the video.
- **Saturation**: Control the intensity of the hues in your video.
- **Sharpness**: Control the sharpness of your video.
- **Video Resolution**: Set the video size.

Lenses

Your camera can scan barcodes, QR Codes, Microsoft Tags, books, CD's, and other DVD's and instantly retrieve information about these products using specialty apps called Lenses. Text may also be scanned and translated or searched.

To use lenses:

1. Touch **Camera**.

   – or –

   Press the **Camera key**.
2. Touch **Lenses**, then touch a lense to use.

Note: Touch **find more lenses** to download additional scanning software and features.

Bing Vision

To use Bing Vision:

1. Touch **Camera**.
   – or –
   Press the **Camera key**.
2. Touch **Lenses → Bing Vision**.
3. Focus on the code or tag ntil the camera recognizes it and displays a thumbnail of it. If the item is correctly identified, touch the thumbnail to launch a Bing search for the product. If the item is not identified or incorrect, try scanning the code or tag again.
4. Touch **history** to see recently scanned items.
5. Touch **scan text** to search text. Once scanned, each word is highlighted.
   Touch **translate** and select a target language. Each highlighted word is then translated.
   To search on a word or words, touch each word to add to the search bar at the top. Touch the search bar and use the keyboard to edit any word if necessary. Touch **search** to perform a Bing search on the selected words.

Viewing Photos and Videos

To view photos and videos while in Camera:

1. Drag the photo or video at the left of the display area onto the display area. Sweep across the screen to the right to view more photos and videos.
2. While viewing a photo, touch each side of the photo and sweep inward or outward to zoom in or out. You can magnify the photo up to 400 percent.
   Touch and drag a magnified photo to move the focus to the area you touch.
3. To play videos, touch .
   To pause the video playback, touch .
   To fast forward through the video, touch and hold .
   To rewind the video, touch and hold .
   To display the video in full screen, touch .
   To display the video in a reduced format, touch .
4. Sweep across the screen to the left or press the **Camera key** to return to the viewfinder.

Accessing Photos and Videos

When you take a photo or record a video, the file is saved in the Photos folder. You can view your photos and videos immediately or view them anytime in the **camera roll** folder.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Photo** ➔ **camera roll**, **albums, date**, **people**, or **favorites**.

   For more information, refer to *"Photos"* on page 87.

Assigning an Image To a Contact

The Camera is also used to create an image that can be assigned to the profile of one of your contacts or to your Me profile.

1. From the **Home** screen, touch **People**.
2. Touch the contact that you want to edit.
3. At the **profile** screen, touch **edit** at the bottom of the screen.
4. Touch **add photo** ➔ **camera**.
5. Take a photo and touch **accept** or **retake**.
6. Crop the photo by touching each side of the photo and swiping inward or outward to zoom in or out within the crop area. Touch and slide the photo to move it within the crop area.
7. Touch **crop** to assign the cropped photo to the contact.

For more information, refer to *"Your People Hub"* on page 46.

Setting a Photo as Your Lock Screen Background

You can set a photo as your Lock screen background immediately. For more information, refer to *"Changing the Lock Screen Background"* on page 31.

Music and Videos

This section explains how to access music, videos, podcasts, and radio on your phone.

To get started:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the following:
   - **collection**: Allows you to play music, videos, and podcasts downloaded from your PC. It also gives you access to the music area of the online Store.
   - **history**: Displays thumbnails that indicate songs or videos you have recently played. Touch the thumbnail to return to replay that song or video.
   - **new**: Displays a reminder to connect to your PC to sync your music, videos, pictures, and podcasts. Once your phone has been synced with Xbox, new items are displayed.
   - **apps**: Displays music and video apps such as AT&T Radio and ATIV Beam.
   - **xbox**: Displays featured artists from the Xbox Music Store. Touch a thumbnail to play the song and see more details about the artist from the Xbox Music Store.

Xbox Music Pass

Xbox Music Pass is a monthly music subscription service that gives you unlimited access to millions of songs. Download or stream as many songs as you like and listen to them for as long as your subscription is up to date. On your Windows Phone, the streaming feature requires wireless network access. Carrier fees may apply.

For more information, go to www.xbox.com/music.

Note: Before using Xbox Music to buy music, you must set up a free Microsoft Live account. For more information, refer to *"Setting Up a Microsoft Account"* on page 70.

Smart DJ

Smart DJ is a quick and dynamic way to launch instant mixes in the Zune software based on any album, artist, or song in your collection. Using the criteria you provide, Smart DJ selects similar songs from your collection and suggests songs from the Zune Store catalog. You can also create Smart DJ playlists and sync them to your phone. For more information, go to www.zune.net.

Adding New Music and Videos

To add new music and videos with your Xbox Music Pass:

1. From the Home screen, touch **Music + Videos**.
2. Sweep across the screen to the right or left to view the **new** menu.
3. Touch **Xbox Music Pass**.
4. Sign in with your account information, and follow the online prompts to download new music and videos.

To add new music and videos from your computer:

1. From the Home screen, touch **Music + Videos**.
2. Sweep across the screen to the right or left to view the **new** menu.
3. Touch **Connect to your computer to add stuff**.

   There are several ways available to transfer music and videos between your phone and computer, such as using the cloud (Internet storage such as SkyDrive), using a USB cable, using a Windows phone app, and so on.

   Select the appropriate set up for your phone, and follow the online instructions to install and use the file transfer software of your choice.

Playing Music

To play music files from Music + Videos:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the **collection** menu.
4. Touch **music**.

   Songs are organized by **artists**, **albums**, **songs**, **playlists**, and **genres**.
5. Touch and hold an artist, album, song, playlist, or genre to display some or all of the following options:
   - **add to now playing**: Add the selected song to the list of songs currently playing.
   - **play smart dj mix**: Play your Smart DJ mix. For more information, refer to *"Smart DJ"* on page 82.
   - **share**: Allows you to share the song with Tap + Send or by using an account or connection. (Note that sharing may be restricted for some content due to copyright protection.)
   - **pin to start**: Allows you to add a tile on the Home screen for this album. For more information, refer to *"Moving Tiles on the Home Screen"* on page 30.
   - **delete**: Delete the song or playlist.
6. Touch the song that you want to play.

   The song begins to play in portrait mode. The time information (time played and time remaining) and the music controls are displayed.
7. The following music controls are available:

Pause the music.

Start the music after being paused.

Touch and hold to rewind the music. Tap twice to play the previous song.

Touch and hold to fast-forward the music. Touch to play the next song.

Playing Videos

To play videos from the Music + Videos application:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the **collection** menu.
4. Touch **videos**.

   The **all** videos category displays. Videos that have been downloaded from your PC are displayed.

   To view your personal videos, see *"Viewing Videos"* on page 90.
5. Touch and hold a video thumbnail to display the following option:
   - **pin to start**: Allows you to add a tile on the Home screen for this video. For more information, refer to *"Moving Tiles on the Home Screen"* on page 30.
   - **delete**: Delete the video.
6. Touch the video that you want to play.

   The video begins to play in landscape mode. At the bottom of the screen the video file name, the video controls, and the time information (time played and total time) are displayed.
7. The following video controls are available:

Pause the video.

Start the video after being paused.

Touch and hold to rewind the video.

Touch and hold to fast-forward the video.

Display the video in full screen.

Display the video in a reduced format.

Note: If no control icons are displayed on the screen in addition to the video, touch anywhere on the screen to display them.

8. Touch **Back** to return to the thumbnails screen.

Podcasts

To play podcast files from Music + Videos:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the **collection** menu.
4. Touch **podcasts**.

   Podcasts are organized by **audio** and **video**.

   A thumbnail, the podcast name, the category, the number of episodes, and the number of new episodes are displayed for each file.
5. Touch and hold a podcast thumbnail to display the following option:
   - **pin to start**: Allows you to add a tile on the Home screen for this podcast. For more information, refer to *"Moving Tiles on the Home Screen"* on page 30.
   - **delete**: Delete the podcast.
6. Touch the podcast that you want to play.

   The podcast begins to play. The time information (time played and time remaining) and the podcast controls are displayed.
7. The following podcast controls are available:

   Pause the podcast.

   Start the podcast after being paused.

   Rewind the podcast.

   Fast-forward the podcast.

Store

To visit the music area of the Store application from Music + Videos:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the **collection** menu.
4. Touch **store**.

   The store main screen displays.
5. Touch **music**.

   The **artist of the week** displays.
6. Sweep across the screen to the right or left to view more music categories.

   For more information, refer to *"Store"* on page 126.

Note: Before using store to buy music, you must set up a free Microsoft Live account. For more information, refer to *"Using the Start-up Wizard"* on page 12.

AT&T Radio

This service allows you to stream approximately 25 channels of commercial free music through your handset.

Note: Since this product uses a large amount of data in its stream process, you should note that you are sponsible for all data charges incurred. It is recommended that you subscribe to an unlimited data plan so that you are not charged for data overages.

To use the radio:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **AT&T Radio**.

   – or –

   Touch **Music + Videos** ➔ **apps** ➔ **AT&T Radio**.

   A Warning screen displays.
3. Read the warning and touch **Accept** to continue.

   Your phone searches for a valid Subscription. If a valid subscription is not found, the No Valid Subscription screen displays.

4. Touch Subscribe.

   – or –

   If you already have an AT&T Radio subscription, touch **Click here**.

5. Enter the 10-digit phone number associated with your AT&T Radio account and follow the on-screen instructions.

ATIV Beam

Share files by tapping other NFC-capable devices.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Music + Videos**.
3. Sweep across the screen to the right or left to view the **apps** menu.
4. Touch **ATIV Beam**.

   The ATIV Beam main screen displays.

   For more information, refer to *"ATIV Beam"* on page 107.

Photos

Use the Photos application to view photos and play back videos. You can also set photos as wallpaper and share them as a picture message.

Uploading To SkyDrive

SkyDrive provides free storage so you can store photos online, share them with the people you choose, and access them from any web browser. Various options include **save to SkyDrive** if you have set up a Microsoft account.

For more information about SkyDrive, go to windows.microsoft.com/en-us/windows/products and click on **SkyDrive**.

Accessing Photos and Videos

When you take a photo or record a video, the file is saved so you can view your photos and videos at any time.

Note: If your device displays that the memory is full when you access **Photos**, delete some of the files.

To access photos and videos:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Photos**.
   The photos screen displays.
3. Touch **Options** to display the following options:
   - **choose background**: Pick an existing photo and apply it as wallpaper to the pictures screen.
   - **shuffle background**: Randomly display delivered wallpapers.
   - **settings**: Display the **photos + camera** settings. For more information, refer to *"Photos and Camera"* on page 151.
4. Touch an option such as **camera roll**, **albums**, **date**, **people**, **favorites**, **what's new**, or **apps**.
   Pictures and videos are displayed depending on which option you choose:
   - **camera roll**: Thumbnails are displayed for taken photos and videos.
   - **albums**: Thumbnails are displayed for groups of pictures such as Camera Roll and delivered photos. Other pictures are displayed depending on the accounts you have set up such as Microsoft, Facebook, and so on.
   - **date**: Thumbnails of all photos and videos are displayed in order of month and year created.
   - **people**: Thumbnails are displayed of all people photos that you have viewed from your accounts, such as Facebook, twitter, and LinkedIn. You can also touch **choose contact** and touch a contact to load that contact's posted pictures.

Sweep across the screen to display the **favorites**, **what's new**, and **apps** screens.

- **favorites**: Thumbnails are displayed of all photos that you have marked as a favorite.
- **what's new**: Displays photos posted by your contacts on your synchronized accounts, such as Facebook, twitter, and LinkedIn.
- **apps**: Get direct access to photo apps such as AT&T Locker, ATIV Beam, Live Wallpaper, and Photo Editor.

5. Touch and hold a thumbnail to display the following options:
   - **share...**: Share the photo with others. Touch an option, such as, Tap+Send, Messaging, an email account, and so on, and follow the on-screen instructions.
   - **delete**: Delete the photo or video associated with the thumbnail.
   - **add to favorites/remove from favorites**: Add or remove the photo as a favorite.

Viewing Photos

Once you locate the photo you want to view:

1. Touch the thumbnail to view the photo.
2. While viewing a photo, touch each side of the photo and sweep inward or outward to zoom in or out.

   – or –

   Double-tap the screen to zoom in or out.

   You can magnify the photo up to 400 percent.
3. Touch and drag a magnified photo to move the focus to the area you touch.
4. Sweep across the screen to the right or left to view more photos and videos.
5. Touch and hold a picture or touch **Options** to display the following options:
   - **share...**: Share the photo with others. Touch an option, such as, Tap+Send, Messaging, an email account, and so on, and follow the on-screen instructions.
   - **edit**: Automatically adjust the photo. Options are crop, rotate, and auto-fix (auto color adjustment). If you like the changes, touch **Save** to replace the original photo. You can also launch Photo Editor to edit the photo.
   - **delete**: Delete the photo.
   - **add to favorites/remove from favorites**: Add or remove the photo as a favorite.
   - **share on Facebook**: Upload the photo to Facebook. This option appears if you have set up a Facebook account.

- **set as lock screen**: Sets the photo as the lock screen background.
- **save to SkyDrive**: Upload the photo to SkyDrive. For more information, refer to *"Uploading To SkyDrive"* on page 87.
- **apps...**: View the photo with ATIV Beam, set the photo as Live Wallpaper, or edit the photo with Photo Editor.

6. Touch **Back** to return to the thumbnails screen.

Viewing Videos

To play a video:

1. Touch the thumbnail to play the video.

   The first frame of the video displays indicating the length of the video in minutes and seconds (for example, **01:25**). The play button is also displayed.

2. To play the video, touch .

   To pause the video playback, touch .

   To fast forward through the video, touch and hold .

   To rewind the video, touch and hold .

   To display the video in full screen, touch .

   To display the video in a reduced format, touch .

Note: If no control icons are displayed on the screen in addition to the video, touch anywhere on the screen to display them.

3. Touch and hold a video or touch **Options** to display the following options:
   - **share...**: Share the video with others. Touch an option, such as, Tap+Send, Messaging, an email account, and so on, and follow the on-screen instructions.
   - **edit**: Touch **Video Trimmer** to edit the video.
   - **delete**: Delete the video.
   - **save to SkyDrive**: Upload the photo to SkyDrive. For more information, refer to *"Uploading To SkyDrive"* on page 87.
4. Touch **Back** to return to the thumbnails screen.

You can also play videos from **Music + Videos**. For more information, refer to *"Playing Videos"* on page 84.

Photo Editor

Photo Editor is the ultimate photo editor for your Windows Phone, combining an easy interface and professional grade tools and effects.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Photo Editor**.

   Photos that you have recently taken are shown first. Sweep across the screen to the right or left to view more photos.
3. Touch **select** to edit an existing photo. Touch a photo thumbnail to load it into the Photo Editor.

   – or –

   Touch **camera** to take a photo with the camera. Touch **accept** to use the photo or touch **retake** to take another photo.
4. Touch **Edit**, **Color**, **Effect**, or **Decoration** to edit your photo. After making changes, touch **done** to save the edited photo or **cancel** to stop without saving the edited photo.
5. Touch **undo** to remove the last change or **redo** to restore a removed change.
6. When all updates to the photo have been made, touch **save** and then touch **ok** to save the updated photo.
7. Touch **share** to send photos to another device or another person.

Section 7: Connections

This section describes the various connections your phone can make including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting your PC.

Internet Explorer

Your phone is equipped with mobile.microsoft.com, your access to the mobile web. This section explains how to navigate and introduces you to the basic features.

Accessing Internet Explorer

To access the Internet Explorer browser:

- At the **Home** screen, touch **Internet Explorer**.

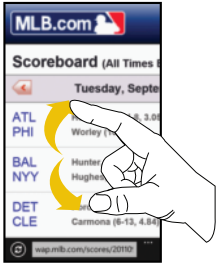
Navigating with the Browser

1. To select an item, touch an entry or link.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.

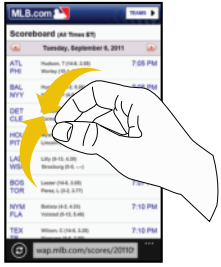
4. Touch to refresh the screen.
5. To access internet options, touch . For more information, refer to *"Browser Options"* on page 96.
6. To return to the previous page, touch **Back**.

Zooming In and Out on the Browser

Sweep two fingers outwards at the same time to zoom in or sweep two fingers together to zoom out. See the diagram below.



Zoom In



Zoom Out

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Touch the **URL** field at the bottom of the screen.
2. Enter the URL using the on-screen keyboard and touch [→].

   The website displays.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. From any screen, touch **Bing search key**. The Bing search screen displays.
2. Touch the Bing search box located at the top of the browser.
3. Use the on-screen keyboard to enter one or more search words. Additional words and phrases display as you type, which you can touch to select.
4. To initiate the search, touch →.
5. A list of search results displays under the categories **web**, **images**, and **videos**.
6. Touch an entry in one of the lists to view the website, location, or image.
7. Touch **Back** to return to the search list.

Favorites

While navigating a website, you can make it a Favorite site, which makes it easy to access it later. The URLs (website addresses) of the Favorite sites are displayed in the Favorites page.

1. From the Home webpage, touch ••• → **favorites**. The favorites page displays.
2. The following options are displayed:
   - **AT&T Device Help**: Displays AT&T's Device Help website.
   - **AT&T Mobile Web**: Displays AT&T's mobile website.
   - **AT&T Reuse & Recycle**: Displays AT&T's trade in program webpage.
   - **AT&T Wi-Fi Hot Spots**: Displays AT&T's Hotspot Locator. Enter the required information and touch **Search** to locate nearby Wi-Fi hotspots.
   - **(List of favorite websites)**: These are web sites that you have added as favorites.
   - **Windows Phone Tips**: Displays tips that may help you to use your phone.
   - **Yahoo!**: Display the Yahoo! homepage.
3. Touch an option or a favorite to view the webpage.

Adding Favorites

1. From any webpage, touch ➔ **add to favorites**.
2. Use the on-screen keyboard to enter the **Name** and the **Web address** of the Favorite.
3. Touch **done**.

Editing Favorites

1. From any webpage, touch ➔ **favorites**, then touch and hold the favorite you want to edit.
2. On the drop-down list box, touch **edit**.
3. Use the on-screen keyboard to edit the **Name** or the **Web address** of the favorite.
4. Touch **done**.

Deleting Favorites

1. From any webpage, touch ➔ **favorites**, then touch and hold the favorite you want to delete.
2. Touch **delete**.

Recent Browsing History

The Recent page provides you with a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From any webpage, touch ➔ **recent**.

   The **recent** page displays a list of your most recently visited websites. The Name and Web address of each website is displayed.
2. Touch any entry to display the webpage.
3. Touch **delete** ➔ **delete** to delete the **recent** list.

Browser Options

1. From any webpage, touch to access the following options:
   - **tabs**: Displays tabs, which are links to websites. Touch a tab to display the webpage. Touch **new** and enter a webpage address to create a new tab. To delete a tab, touch on the tab.
   - **recent**: Displays a list of your most recently visited websites.
   - **favorites**: Displays your Favorites page.
   - **add to favorites**: Add a new Favorite website.
   - **share page**: Share the page using your email account or as a message.
   - **pin to start**: Place a webpage shortcut on your Home screen for easy access.
   - **find on page**: Search for text within the current web page.
   - **settings**: Configure the Internet Explorer Settings on your phone. For more information, refer to *"Internet Explorer Settings"* on page 96.

Internet Explorer Settings

Use the options on this menu to configure your Internet Explorer settings.

Note: Cookies are typically placed on your device when you browse and contain both site information as well as personal information (such as a username and password), which can pose a security risk if not properly managed.

If activated, the Bing search engine automatically suggests web addresses when you perform an internet search.

To configure Internet Explorer settings:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **applications** ➔ **Internet Explorer**.
3. Touch the **Website preference** field and choose either mobile version or desktop version.

4. Touch the **Use address bar button for** field and choose either favorites, stop/refresh, or tabs.
5. Touch **delete history** to delete all temporary files, history, cookies, and saved passwords.

   All temporary files, browsing history, cookies, and saved passwords are deleted from the phone.
6. Touch **Privacy Statement** to view the statement.
7. Touch **advanced settings** for additional options:
   - At the **Allow access to my location** field, touch and drag the slider to the right to turn the option **On**.
   - If desired, touch to check the following:
     - **Get suggestions from Bing as I type**
     - **Send browsing history to Microsoft to help improve Bing services**
     - **Use SmartScreen Filter to help protect against unsafe websites**
     - **Send a Do Not Track request to websites you visit**
   - Touch the **Cookies from websites and apps** field and select accept all, block some, or block all.
   - Touch the **Open links from other apps in** field and select a new tab or the current tab.
   - Touch **Allow sites to store files on my phone** to turn the option On.
   - Touch **manage storage** to display websites that store files on your phone. To free up storage space, touch a site to delete its files.
   - Touch **Learn about these settings** for more information.

Deleting Browser History and Cookies

To delete your browser history:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **applications** ➔ **Internet Explorer**.
3. Touch **delete history** ➔ **delete**.

   All temporary files, browsing history, cookies, and saved passwords are deleted from the phone.

Wi-Fi

About Wi-Fi

Wi-Fi (short for *wireless fidelity*) is a term used for certain types of Wireless Local Area Networks (WLAN). These device types use an 802.11 wireless specification to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured), as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, your device's Wi-Fi feature is turned on. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **Wi-Fi**.
3. Touch and drag the slider to the right to activate Wi-Fi networking.

   The device scans for available, in-range wireless networks and displays them under Wi-Fi networks on the same screen.
4. If you want to be notified by alert, touch **advanced** ➔ **Notify me when new networks are found** field to make a check mark.
5. Press **Home** to return to the **Home** screen.

Connect To a Wi-Fi Network

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **Wi-Fi**.
3. Make sure Wi-Fi has been turned on.

   The network names and security settings (open or secure) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.
4. Touch the network to which you want to connect.

Note: When you select an open network, you are automatically connected to the network.

5. Enter a wireless password if necessary. If the connection is successful, **connected** appears under the Wi-Fi network name.
6. Touch **advanced** to display Known networks.

   Touch **add** to add a new network name.

   To delete the selected networks, touch **select**, touch to check networks you want to delete, and then touch **delete**.

Turning Wi-Fi Off

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **Wi-Fi**.
3. Touch and drag the slider to the left to deactivate Wi-Fi.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP) or it is not connected to a WAP.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets, printers, and other devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **Bluetooth**.
3. Touch and drag the slider to the right to turn Bluetooth **On**. When you turn Bluetooth on, your device is discoverable and it immediately scans for Bluetooth devices.
4. Touch and drag the slider to the left to turn Bluetooth **Off**.
5. Press **Home** to return to the **Home** screen.

Bluetooth Status Indicator

The icon displays at the top of your screen when Bluetooth is active and your phone is connected with a Bluetooth device.

Connecting Bluetooth Devices

The Bluetooth connecting process allows you to establish trusted connections between your device and another Bluetooth device. When you connect devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To connect your device with another Bluetooth device:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings** ➔ **system** ➔ **Bluetooth**.
3. Touch and drag the slider to the right to turn Bluetooth **On**. When you turn Bluetooth on, your device is discoverable and it immediately scans for Bluetooth devices.

   Your device displays a list of discovered, in-range Bluetooth devices.
4. Touch a device from the list to initiate connecting.
5. Enter the passkey or PIN code, if needed, and touch **done**.
6. The external device then has to also accept the connection and enter your device's PIN code.

   Once successfully connected to an external device, appears at the top of your screen and **connected** appears under the device name.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different.

Note: Connecting between two Bluetooth devices is a one-time process. Once a connection has been created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

Disconnecting Bluetooth Devices

Disconnecting a connected device breaks the connection between the device and your phone, but retains the knowledge of the connection. At a later time, when you want to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch the previously connected device. The status changes to not connected.
3. Touch the device name again to reconnect.
4. To delete the device name from your list of Bluetooth devices, touch and hold the device name until **delete** displays. Touch **delete** to remove the device from your list.

Note: Disconnections are manually done but often occur automatically if the connected device goes out of range of your phone or it is powered off.

PC Connections

There are several ways available to transfer music, videos, photos, and other files between your phone and PC, such as using the cloud (Internet storage such as SkyDrive), using a USB cable, using a Windows phone app, and so on.

1. From the Home screen, touch **Music + Videos**.
2. Sweep left across the screen to view the **new** menu.
3. Touch **Connect to your computer to add stuff**.
4. There are several ways available to transfer music and videos between your phone and computer, such as using the cloud, using a USB cable, using a Windows phone app, and so on. Select the appropriate set up for your phone, and follow the online instructions to install and use the file transfer software of your choice.

Section 8: Applications

This section contains a description of each application that is available in the Applications Menu, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download should be obtained from the application provider directly.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the **Home** screens. For details, see *"Customizing Your Home Screen"* on page 29.

GPS Applications

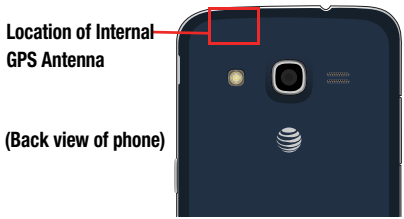
GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available from AT&T or its roaming providers.

Important! If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.



Accessing the App List

To display the App List:

- From the **Home** screen, sweep the screen left to display the App List.

Alarms

The Alarms application allows you to access and set alarms.

Setting a New Alarm

1. From the App List, touch **Alarms** ➔ **add**.
2. Touch the **Time** field then use your finger to sweep the hour and minute fields to set the time you want for the alarm. Touch **done**.
3. Touch the **Repeats** field if you want the alarm to sound on multiple days instead of **only once**. Touch the days that you want the alarm to sound, then touch **done**.
4. Touch the **Sound** field and touch the sound title you want. You can hear a sample by touching the symbol next to the sound name.
5. Touch the **Name** field and use the keyboard to enter a name for this alarm.
6. Touch **save** to save the alarm.

Turning Off an Alarm

To turn off an alarm when it sounds:

- Touch **dismiss** on your display to stop the alarm.

  – or –

  Touch **snooze** to temporarily stop the alarm.

Changing an Alarm

To make changes to an existing alarm:

1. From the App List, touch **Alarms**.
2. Touch the alarm you want to change.
3. Touch and change fields. For more information, refer to *"Setting a New Alarm"* on page 104.
4. Touch **save** to save the updated alarm.

Deleting an Alarm

To delete an alarm:

1. From the App List, touch **Alarms**.
2. Touch the alarm you want to delete.
3. Touch **delete** to delete the alarm.

AT&T Address Book

You can synchronize your phone Address Book with AT&T Address Book, the network backup service.

For more information, refer to *"Activating AT&T Address Book"* on page 46.

To display the AT&T Address Book options"

- From the App List, touch **AT&T Address Book**.

AT&T FamilyMap

AT&T FamilyMap allows you to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private.

1. From App List, touch **AT&T FamilyMap**.
2. At the AT&T FamilyMap Sign In page, enter your Phone Number and Password in the appropriate fields and touch **Sign In**.

Note: To sign up for service, visit www.att.com/familymap for more information.

3. Follow the on-screen instructions.

AT&T Locker

AT&T Locker allows you to store, share, and sync all of your photos, videos, and documents in one safe, convenient place; the AT&T cloud.

1. Sign on to your Google account, if you are not already signed on.
2. From the App List, touch **AT&T Locker**.
3. At the AT&T LOCKER home screen, touch **sign up** to create an account or touch **log in** if you already have an account.
4. Follow the on-screen instructions to use AT&T Locker.

AT&T Navigator

AT&T Navigator provides access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important! You must have a data plan to use this feature.

1. From the Home screen, touch **AT&T Navigator** .
2. Read the warning and touch **allow** to use your location. Otherwise, touch **exit**.
3. Read the Terms of Service and touch **accept** to acknowledge the terms of use.

   The AT&T Navigator main screen displays.
4. Follow the on-screen instructions.

AT&T Radio

AT&T Radio combines unlimited personal radio stations with over 75 commercial free genre stations, more than 400 local stations, news, talk, sports, and more!

To access AT&T Radio:

- From the App List, touch **AT&T Radio**.

For more information, refer to *“ T&T Radio”* on page 86.

ATIV Beam

Share files by tapping other NFC-capable devices.

1. From the App List, touch **ATIV Beam**.
2. Touch **options** ➔ **about** and read the Open source announcement.
3. In the **Status** field, touch and drag the slider right to turn the option On.

Note: To share files this way, you must first turn on Bluetooth. For more information, refer to *"Bluetooth"* on page 100.

4. Touch **Pictures**, **Documents**, **Music**, or **Videos** and follow the on-screen instructions to share your items with another device.

Bing Finance, News, Sports, and Weather

If you like to keep an eye on the stock market, the **Bing Finance** app provides up-to-date finance news, financial articles, market quotes, and more.

- From the App List, touch **Bing Finance**.

Keep up with what is happening in the world by using your Windows Phone. The **Bing News** app is the only news app you need to keep tabs on the latest headlines and videos of breaking news.

- From the App List, touch **Bing News**.

If you are interested in sports, the **Bing Sports** app can keep you in touch with all the latest sports news. It covers many worldwide leagues and allows users to access the latest scores, read articles, view sports photos, and watch videos so you do not miss out on any of the sports action.

- From the App List, touch **Bing Sports**.

If you are interested in the weather, the **Bing Weather** app can help by keeping you up-to-date with current weather conditions such as temperature, wind, and precipitation. Bing Weather also includes weather forecasts for the next 10 days.

- From the App List, touch **Bing Weather**.

After opening one of the Bing apps:

1. If there is a new version of the application available, touch **update** to download the latest version or touch **cancel** to continue using the app you have on your phone.
2. Sweep the screen left or right to display various screens of information.
3. Touch **search** to search for a word or term within the active Bing app.
4. Touch for additional options and settings.

Calculator

The Calculator application provides basic arithmetic functions: addition, subtraction, multiplication, and division. You can also store numbers in memory.

1. From the App List, touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the corresponding on-screen arithmetic function key.
4. Enter the second number.
5. To view the result, touch equals (**=**).

In Portrait Mode, the Calculator application provides basic functions. To perform more complicated calculations:

- Rotate the phone to Landscape Mode.

  A scientific calculator displays.

Calendar

With the Calendar feature, you can consult the calendar by day or month. You can also create appointments and have them displayed on your agenda.

To access the Calendar:

1. From the App List, touch **Calendar**.
   The **day** screen displays.
2. Sweep your screen to the left to display the **agenda** view, which displays all of your appointments.
3. Sweep your screen to the left again to display the **to-do** view.
4. Touch one of the following options on the **day** or **agenda** views:

today: Displays the current month and day.

new: Touch the new icon to create a new appointment for your calendar.

month: Touch the month icon to display the month view.

calendar options: Touch the options icon and then touch **settings** to access the calendar settings.

Appointments

The **agenda** screen displays all events that you have added for all dates in the order that they appear.

Create a New Appointment

To create a new appointment:

1. From the App List, touch **Calendar**.
2. Touch to create a new appointment.
3. Enter the desired information and touch **save** to save.

Edit an Appointment

To edit an appointment:

1. From the **agenda** screen, touch any appointment to display the **APPOINTMENT details** screen.
2. Touch **edit**.
   The **EDIT APPOINTMENT** screen displays.
3. Touch the field you want to change and use the on-screen keyboard to make the change.
4. Touch **save** when you are finished.

Delete an Appointment

To delete an appointment:

1. From the **agenda** screen, touch any appointment to display the **Appointment details** screen.
2. Touch **delete** to delete an appointment.
3. At the **Delete appointment** prompt, touch **delete**.

To-Dos

The **to-do** screen displays all to-do entries that you have added for all dates in the order that they appear.

Create a New To-Do

To create a new to-do:

1. From the App List, touch **Calendar** ➔ **to-do**.
2. Touch to create a new to-do.
3. Enter the desired information and touch **save** to save.

Edit a To-Do

To edit a to-do entry:

1. From the **to-do** screen, touch any to-do entry to display the **To-Do details** screen.
2. Touch **edit**.
   The **EDIT TO-DO** screen displays.
3. Touch the field you want to change: Subject, Reminder, Due date, Priority, and Notes.
4. Touch **save** when you are finished.

Deleting To-Dos

To delete to-do entries:

1. From the **to-do** screen, touch **select**.
2. Touch to check to-do entries you want to delete.
3. Touch **delete** to delete the selected to-do entries.

Sorting To-Dos

To sort to-do entries:

1. From the to-do screen, touch **options**.
2. Touch **sort by priority** to sort to-dos based on priority.
3. Touch **show completed** to only show completed to-dos.

Calendar Settings

To set calendar settings:

1. From the App List, touch **Calendar** ➔ **options** ➔ **settings**.
2. Touch and drag a slider to the right to display its calendar entries.
3. Touch **theme color** to select the calendar color.
4. Touch **Show to-dos on the calendar** to turn this option On.

Camera

Use your 8-megapixel camera feature to produce photos in JPEG format. Your phone also functions as a video recorder.

To access the Camera:

- From the App List, touch **Camera**.

For more information, refer to *"Camera"* on page 74.

Games

You can shop for new games, install games you buy on your phone, and play them with the Games feature.

Accessing Games

To access the Games feature:

1. From the **Home** screen or from the App List, touch **Games**.

   The games screen displays.

2. Sweep your screen to the right or left to view the following:
   - **collection**: Lists any games you have acquired and installed. Touch **get more games** to view and acquire more games.
   - **Xbox**: Allows you to Join Xbox to play with friends. Once you have joined, your Xbox player ID is displayed. You can also use Xbox Smartglass, Find friends, and access the Games Store.
   - **requests**: Once you have joined Xbox, this screen displays any game invitations or turn notifications. It also allows you to play a game and invite others to play it with you.
   - **spotlight**: Displays links to Xbox websites once you have joined Xbox.

Getting More Games

To buy more games and install them on your phone:

1. From the **Home** screen, touch **Games** ➔ **collection** ➔ **get more games** to go to the Games Store.
2. Sweep your screen to the right or left to view more game categories such as **Top free**, **New + Rising**, **Xbox**, **Best rated**, **Collections**, **Picks for you**, **genres**, and **spotlight**.

   An icon, the game's name, the publisher's name, and the price displays for each game.
3. Touch the game to see an expanded description. Sweep your screen to the right or left to view **details**, **reviews**, **screenshots**, and **related** games.
4. Touch **try** for a free trial or **buy** to purchase the game. If the game is free, touch **install** to install the game or **share** to send someone a message or email containing a link to the game.

   The CONFIRM PURCHASE screen displays. The purchase is charged to your mobile phone account or you can touch **Add or switch payment methods**.

5. Touch **buy** or **install** to continue or **cancel** to stop.
6. Touch **Back** to exit.

New games are added to your collection screen.

Joining and Accessing Xbox

To access Xbox, you need a set up a free Xbox account and get a player ID.

1. From the **Home** screen, touch **Games** ➔ **Xbox**.
2. Touch **join Xbox or sign in**.

   The Microsoft account required screen displays.
3. Touch **sign in**.

   The Keep your life in sync screen displays.
4. Touch **sign in**, if you have a Microsoft account, and enter your Microsoft account and Password.

   Touch **sign in.**

   – or –

   Touch **create one** and follow the instructions to create a Microsoft account and password.

After joining Xbox, your player ID displays on the Xbox screen.

To set your name:

- Touch **Add your name** and follow the on-screen instructions.

To personalize your avatar:

- Touch **avatar** and follow the on-screen instructions.

After joining Xbox, the requests screen displays with game information such as game invitations and turn notifications. It also allows you to play a game and invite others to play it with you.

To check invitations or play a game:

- Touch the desired activity on the requests screen.

Help and Tips

Get help any time. Information for getting around on your phone and making it yours is just a touch away.

1. From the App List, touch **Help + Tips**.
   The help screen displays.
2. Sweep the screen to the left to display the tips screen.
3. Sweep up or down through the topics and touch a topic to display subtopics.
4. Touch a subtopic to display the indicated information.

Internet Explorer

Your phone is equipped with Internet Explore, which can be used to access the mobile web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

To access the Internet Explorer browser:

- At the **Home** screen, touch **Internet Explorer**.
  The home.att.com homepage displays.

For more information, refer to *"Internet Explorer"* on page 92.

Live Wallpaper

Live Wallpaper can change your lock screen background periodically to 100 photos of your choice.

1. From the App List, touch **Live Wallpaper**.
2. To allow Live Wallpaper to modify your lock screen, touch **yes**.
3. Touch **choose** and select (by touching) up to 100 photos from your photo collection. You can also take new photos by touching **camera**.
   - Touch **done** to save.
   - Touch each thumbnail to crop the photo, if desired. Touch **crop** to save the cropped photo.
4. Touch **remove** and select (by touching) each thumbnail to remove or touch **options** ➔ **clear all**. Touch **done** ➔ **ok** to remove selected photos.
5. To stop using Live Wallpaper:
   - From the **Home** screen, sweep the screen left to display the App List.
   - Touch **Settings** ➔ **system** ➔ **lock screen**.
   - Touch the **Background** field and touch an option.

MangaCamera

MangaCamera transforms a photo image of a person, scenery, or anything into a cool cartoon-like image.

1. From the App List, touch **MangaCamera**.
2. Select a frame, and then capture and save the image.

Maps

Depending on your location, you can use Maps to view basic, custom, and satellite maps. The Maps application also allows you to obtain, with your wireless device, navigation instructions to destinations throughout most of the United States and certain international destinations. Once you find a destination, you can view nearby businesses and places of interest, including locations, contact information, and driving directions.

Important! Before using Maps, you must have an active data (3G) connection. The Maps application does not cover every country or city.

Enabling Use My Location

Before you use Maps to find your location, you must enable **Use my location**. To enable the location source:

- From the App List, touch **Maps**.

  If the Allow Maps to access and use your location? screen displays, touch **allow**.

  A map displays with your location in the center.

To manage the **Use my location** option:

1. From the App List, touch **Maps** ➔ **Options** ➔ **settings**.

   – or –

   From the App List, touch **Settings** ➔ **applications** ➔ **maps**.

   The maps settings screen displays.
2. Touch and drag the **Use my location** slider to the right to enable (On displays) or to the left to disable (Off displays) this setting.
3. Touch **Back** to exit.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch

- Touch on the map to display information about the location. For example, your location is indicated by a and a pop-up that displays your approximate address.

Delete History

You can also delete any previous map searches, pins, and image data from your phone from the maps settings screen:

1. From the App List, touch **Maps** ➔ **Options** ➔ **settings**.
2. Touch the **delete history** field.
3. Touch **delete**.

Map Options

At the bottom of the screen, the following controls are available:

scout: Launches Local Scout.

Note: This option is deactivated until you zoom in to your area.

directions: Use the keyboard to enter an end location then touch → to display the directions.

me: Your location displays on the map indicated by a yellow dot.

search: Allows you to search for a place of interest.

Touch **Options** for more options:

- **directions list**: Displays the details of the last **directions** request.
- **search results**: Displays after a search has been performed. If more than one result is listed, reference numbers display, which are also displayed on the map.
- **clear map**: After viewing or following directions, this option resets the map.

- **show traffic** Displays real-time traffic conditions so you can plan the fastest route. **hide traffic** turns this option off.
- **favorite places**: Displays your favorite places.
- **hide favorites** / **show favorites**: Use this option to hide or show your favorite locations on the map.
- **aerial view on**: Allows you to see your map as a satellite image.
- **settings**: Displays map settings. For more information, refer to *"Maps"* on page 147.

Nearby Places of Interest

After you ask for directions or search for a location:

1. Touch the destination location (end) on the directions list.

   The **about** screen displays, which lists the address, directions from your location, the phone number, the neighborhood, the category, and a suggest changes option.
2. Touch **pin** to pin a shortcut to the location to the home page.
3. Touch **share** to send the location information in a message or an email.
4. Touch **add** to add the location as a favorite.
5. Touch **suggest changes** to suggest changes to the location information.
6. Sweep your screen to display the **buzz** and **apps** screens.

Messaging

The Messaging feature allows you to send online messages, text messages, and multimedia messages to other phones and email addresses.

- From the App List, touch **Messaging**.

For more information, refer to *"Creating and Sending Text Messages"* on page 58.

Mini Diary

The Mini Diary app enables you to create a diary containing your daily activities, attach pictures and share diary entries on Facebook, Photobucket, and Picasa.

1. From the App List, touch **Mini Diary**.

   The first time you access Mini Diary, the Allow "Mini Diary" to use your location? screen displays.

   - Touch **Samsung Privacy Statement** to view the statement.
   - Touch **Microsoft Privacy Statement** to view the statement.
   - Touch **OK** to continue or **Cancel** to stop.

   The Mini Diary main screen displays.

2. Sweep your screen to the right or left to view more menus.
   - **Recent** displays recently added entries, add new entries, and search for entries.
   - **Date** lists entries by date.
   - **Location** lists entries by location (if available).
   - **Options** let you add photos, voice memos, drawings, and adjust settings.

Adding a New Diary Entry

To add a new diary entry:

1. Touch **New** to create a diary entry.
2. Touch **Tap to add photo** or touch **photo** to add a photo from your photo albums or take a new photo with the camera.
3. Touch **Location** and touch the Map to add your location.
4. Touch **Tap to add text** to type an entry.
5. Touch **voice** to add a voice memo, **drawing** to add a quick drawing, or **options** to save this entry.

Mini Diary Settings

To display Mini Diary settings:

1. Sweep your screen to the right or left to view the Options menu.
2. Touch **Settings** to display general Mini Diary settings and information about Mini Diary.

Mobile TV

With AT&T Mobile TV, you can watch TV on your phone. You can also browse television schedules.

To access Mobile TV:

1. From the App List, touch **Mobile TV**.
   The Terms and Conditions screen displays.
2. Scroll through and read the information, and then touch **Accept**.
   The 7 day Trial for Mobile TV screen displays.
3. Read the screen and touch **Start Trial** to continue.

Music and Videos

The Music + Videos feature lets you access music, videos, and podcasts on your phone.

- From the App List, touch **Music+Videos**.

For more information, refer to *"Music and Videos"* on page 81.

myAT&T

Use myAT&T to manage your AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Note: In order to access myAT&T, you first need to register your phone with My ATT. Visit www.att.com for more information.

To access myAT&T, follow these steps:

1. From the App List, touch **myAT&T**.
   The AT&T End User License Agreement displays.
2. Read the agreement and touch **accept** to continue.
   The myAT&T Login screen displays.
3. Enter your **User ID** and **Password**. From the **Save Account** field, touch and drag the slider to the right to turn save account **On**, if you want to be signed in automatically next time.
4. Touch **login**.
5. Follow the on-screen instructions.

Now

The Now application allows you to check today's weather forecast, the latest stock market figures, the currency exchange rate, or read up on the latest headline news.

Accessing Now

- From the App List, touch **Now**.

  The first time you use the Now application, the Allow "Now" to use your location? screen displays.

  - Touch **Samsung Privacy Statement** to view the statement.
  - Touch **Microsoft Privacy Statement** to view the statement.
  - Touch **OK** to continue or **Cancel** to stop.

  The **weather** screen displays.

Select Cities for Weather Reporting

To select cities for **weather** reporting:

1. Touch → **cities**.
2. Touch **Add a city.**
3. **Type a city name** using the keyboard, touch **Search**, and then touch the correct city.

   – or –

   Touch **current city** to display the city where you are located. Touch the city to select it.

   – or –

   Touch **select list** to display a list of cities. Scroll through the list of cities and select one.
4. Touch **Add a city** again, if you want to enter another city.

Changing Weather Settings

To change **weather** settings:

1. From the App List, touch **Now** → **weather**.
2. Touch → **general**.
3. Follow the on-screen instructions to configure the way the weather displays.
4. Touch **Back**.

Viewing Weather Conditions

The weather screen displays current weather conditions for the cities you have added. The weather forecast for the next six days (sunny, partly cloudy, cloudy, and high and low temperatures) is displayed on the weather screen for your primary city.

1. To refresh the weather, touch .
2. Touch the name of a city on the weather screen for more information about current weather conditions.
3. Touch **hourly** for an hourly forecast or **map** for a radar-type view of the area.
4. Touch **Back**.

Viewing News

To display the **news** screen:

1. From the **weather** screen, sweep the screen to the left.
   The **news** screen displays.
2. To refresh the news, touch .
3. To edit the news category, touch .
4. To view the news in a full screen, touch .
5. Touch **Back**.

Viewing Stocks

To display the **stocks** screen:

1. From the **news** screen, sweep your screen to the left.
   The **stocks** screen displays.
2. To edit the stocks settings, touch .
3. Touch **Add a stock** and **Type a company name or stock symbol** using the keyboard. Touch **Search** and then touch the correct stock to add it to your stocks.
4. Sweep your screen to the left to display the **indices** screen.
5. Touch **Add an index** and **Type an index name or symbol** using the keyboard. Touch **Search** and then touch the correct index to add it to your indices.
6. Sweep your screen to the left to display the **general** screen.
7. Follow the on-screen instructions to configure the stocks and indices.
8. Touch **Back**.
9. To refresh your stock listings, touch .

Accessing Now Applications and Settings

To manage the Now applications:

1. From the **stocks** screen, sweep your screen to the left.
   The list of Now applications (weather, news, stocks, and currency) and the Now settings option displays.
2. Touch **currency** to display the following screens:
   - **rate**: Displays a base currency and the exchange rate for other currencies.
   - **converter:** Helps you calculate the amount of one currency based on another currency.
3. Touch **settings** to display the following screens:
   - **sections**: Check the three items that you want to display on the Now front page. If more than three items are checked, a **Maximum items on front page is 3** message is displayed.
   - **live tile**: Allows you to add the weather to your primary Now Home screen tile. You can also add a secondary tile for news to your Home screen.
   - **about**: Displays Now information such as version and Open source announcement.

Office

With Office, you can view, edit, and create Excel spreadsheets and Word documents, view and edit PowerPoint presentations, create notes, or search for and share document files with others.

To access Office, follow these steps:

1. From the App List, touch **Office**.
2. Sweep your screen to the left to display the **recent** screen.
   - Touch **Explore document** to view general information about Word, which lets you view, edit, and create Microsoft Word documents on your phone.
   - Touch **Explore presentation** to view general information about PowerPoint, which lets you view and edit Microsoft PowerPoint presentations on your phone.
   - Touch **Sample spreadsheet** to view general information about Excel, which lets you view, edit, and create Microsoft Excel spreadsheets on your phone.
   - Touch **new** to add an office document.

3. Sweep your screen to the left to display the **places** screen.
   - **Phone**: Displays the office documents saved on your phone. Touch **Search** and use the keyboard to enter a term to search for in the list of documents.
   - **email**: Displays documents opened from your email accounts. Touch **Search** and use the keyboard to enter a term to search for in the list of documents
   - **SkyDrive**: SkyDrive provides free storage so you can store your documents online. SkyDrive is available if you have set up a Microsoft account. For more information about SkyDrive, go to windows.microsoft.com/en-us/windows/products and click on **SkyDrive**.
   - **Office 365**: Touch **set up** to set up your Office 365 account on your phone to access your Office documents, email, calendar, and contacts. For more information, go to www.microsoft.com/office365.
   - Touch **new** to add a SharePoint site. Access Microsoft SharePoint documents and lists from your phone. Download documents, make updates on your phone, and save them back to SharePoint. Enter a SharePoint address to access document on the site.
4. Touch **search** to search for a term in the all, SkyDrive, phone, email documents, or SharePoint documents.

Tip: Work on PowerPoint presentations that are attached to email messages, already on your phone, on SkyDrive, SharePoint, or on Office 365. Just tap the document to open it.

OneNote

You can stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote notebooks using SkyDrive.

To access OneNote notebooks:

1. From the App List, touch **OneNote**.
2. OneNote notebooks you currently have shared on SkyDrive are listed.
3. Touch a notebook to open it.

To create Quick Notes:

1. To create a new Quick Note, touch **new**.
2. To search for notes, touch **search**.
3. Touch **options** to sync notes, view sync status, or select pages of notes.

People

You can manage your daily contacts by storing their name, number, email, and other information in your phone using the People feature.

- From the Home screen, touch **People**.

  – or –

  From the App List, touch **People**.

For more information, refer to *"Your People Hub"* on page 46.

Phone

The Phone application allows you to make or answer a call. It also includes the features and functionality associated with making or answering a call.

- From the Home screen, touch **Phone**.

  – or –

  From the App List, touch **Phone**.

For more information, refer to *"Call Functions"* on page 39.

Photo Editor

The Photo Editor application provides basic editing functions for photos that you take on your device. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing photos.

- From the App List, touch **Photo Editor**.

For more information, refer to *"Photo Editor"* on page 91.

Photos

The Photos application is where you view photos and play back videos. For photos, you can also set photos as wallpaper and share as a picture message.

- From the App List, touch **Photos**.

For more information, refer to *"Photos"* on page 87.

Samsung Link

Share and play content across smart devices anywhere, anytime.

1. From the App List, touch **Samsung Link**.
2. Touch **Start** ➔ **Sign in**.
3. Follow the on-screen instructions.

Settings

This application navigates to the system and applications settings for your phone. It includes such settings as: sound, Wi-Fi, Bluetooth, accounts, display security, memory, and any extra settings associated with your phone.

- From the App List, touch **Settings**.

For more information, refer to *"Changing Your Settings"* on page 128.

Shooting Modes

Shooting Modes is an app that uses your phone's Camera app. It provides several preset shooting settings to help you take even better photos.

1. From the App List, touch **Shooting Modes**.

   – or –

   Touch **Camera** ➔ **Lenses** ➔ **Shooting Modes**.
2. Touch to display the shooting modes.
3. Touch **Auto**, **Continuous**, **Beauty**, or **HDR**.
4. Touch **settings** to access various photo options and settings. For more information, refer to *"Photo and Video Settings"* on page 77.
5. To turn the flash On, touch **flash**. To turn the flash Off, touch . To use the automatic flash, touch .
6. To take a picture of yourself, touch **switch** to enable or disable the front facing camera.

Store

The Microsoft Store provides access to downloadable applications, music, and games to install on your phone. Store also allows you to provide feedback and comments about an application or flag an application that might be incompatible with your phone.

Setting Up a Microsoft Account

Before using Store you must set up a Microsoft account. For more information, refer to *"Setting Up a Microsoft Account"* on page 70.

Downloading Applications, Games, and Music

The type of content determines where it appears on your phone. Applications appear in the **apps** list, games appear in **games**, and music, videos, and podcasts appear in **music**.

To access the Microsoft Store and download applications, games, and music:

1. From the **Home** screen, touch **Store**.

   The main Store screen displays.

2. Touch **AT&T Featured**, **Samsung Zone**, **apps**, **games**, **music**, or **podcasts**.

   – or –

   Sweep your screen to the right or left to view **featured** applications, games, and music. Touch an item to display more information.

Video Trimmer

Use Video Trimmer to edit and customize your videos.

1. From the App List, touch **Video Trimmer**.
2. Follow the on-screen instructions.

Wallet

Many of the things you normally keep in your pocket, such as credit or debit cards, membership cards, and coupons, can now be stored digitally in your Wallet on your phone.

To access and use Wallet:

1. From the App List, touch **Wallet**.
2. Touch **learn more** for more information about using Wallet.
3. Touch **get started** to launch the Wallet app and follow the on-screen instructions.

YPmobile

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time.

1. From the App List, touch **YPmobile**.
2. Read the SUMMARY OF TERMS and touch **accept** to continue.
3. Your location is found using GPS. Touch **ok** to allow YPmobile to use your current location.
4. Touch the **find a business near you!** field, use the on-screen keyboard to enter your search value, and touch **search**.

   – or –

   Touch one of the displayed shortcuts (coffee, restaurants, and so on).

   Results display.
5. Touch a location, if more than one displays.

   – or –

   Touch **Show Map** to see the locations marked with pins on a map. Pinch the map screen inwards to zoom out or pinch it outwards to zoom in. Touch a pin to read information about the location.

Section 9: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

The Settings menu is divided into **system** settings and **applications** settings.

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings**.
   The Settings screen displays.
3. Sweep your screen to the left or right to display **system** settings or **applications** settings.

Some fields can either be On or Off. To turn an option On:

- Touch and drag the slider to the right.

System Settings

For System settings:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings.**
3. Sweep the screen to the left or right, if necessary, to display the **system** screen.

Ringtones and Sounds

1. From the **system** screen, touch **ringtones + sounds**.
2. From the **Ringer** field or the **Vibrate** field, touch and drag the slider right to turn the option On.
3. Touch the **Ringtone** field, the **New text or IM** field, the **New voicemail** field, or the **New email** field and touch an alert type.
4. Touch **get more** to add additional ringtones.
5. Touch one of the check boxes to play a sound for:
   - **Reminders**: Plays a sound when there is a scheduled appointment.
   - **Key press**: Plays a sound when you touch a key.
   - **Lock and unlock**: Plays a sound when you lock or unlock a function.
   - **Camera shutter**: Makes a shutter sound when you press the Camera key.
   - **All other notifications**: Plays a sound for all other notifications.

Theme

Use the theme setting to change the background and accent color for the screen.

1. From the **system** screen, touch **theme**.
2. Touch the **Background** field and select **dark** or **light**.

Note: Battery power is consumed at a faster rate when the background is set to **light**.

3. Touch the **Accent color** field and select a color.

Email and Accounts

To add an email account:

1. From the **system** screen, touch **email + accounts**.
2. Touch **add an account**.
3. Select an account, read the Terms of use, then sign in.

   The email account is added as an active email account.

   For more information, refer to *"Setting Up an Email Account"* on page 64.

To add the AT&T Address Book:

1. From the **system** screen, touch **email + accounts**.
2. Touch **add an account** ➔ **AT&T Address Book**.

   For more information, refer to *"AT&T Address Book"* on page 46.

Internet Sharing

Internet sharing enables your phone as a mobile hotspot and lets you share your phone's internet connection with other compatible devices.

Note: Internet sharing may cause battery power to be consumed at a faster rate.

1. From the **system** screen, touch **internet sharing**.
2. From the **Sharing** field, touch and drag the slider right to turn the option On.

Lock Screen

Use this option to change the wallpaper, set a time-out screen that locks the phone after a specific amount of time, and set up the phone to require a 4-digit password to unlock the phone.

1. From the **system** screen, touch **lock screen**.
2. Touch the Background field to choose a photo source for the lock screen background.
   - **photo**: Select a background from your photos.
   - **Bing**: Automatically display professional photos from Bing.
   - **Live Wallpaper**: Touch **open app** to add or remove your photos, which are then used as a slideshow on the lock screen.
   - **Photo Editor**: Touch **open app** to launch Photo Editor and select a new background photo.
3. Touch on a photo thumbnail and, when it is enlarged, touch **crop**.
4. To turn on **Show artist when playing music**, touch and drag the slider to the right.
5. Touch the **Choose an app to show detailed status** field and select **none** or an application to show notifications for that app on the lock screen.
6. Under **Choose apps to show quick status**, touch **+** to select an app to show notifications for that app on the lock screen. You can select multiple apps. Touch an app icon and then touch **none** to remove it.
7. Touch the **Screen times out after** field and select a screen time-out time.
8. To turn the password requirement mode on, touch and drag the **Password** slider to the right.
   - Touch the **New password** field and enter a 4-digit password.
   - Touch the **Confirm password** field and re-enter the 4-digit password and touch **done**.

   After you create a password, touch **change password** to create a new password.

   After you create a password, touch the **Require a password after** field to set how often the password is required.

Note: To remove the password requirement, touch and drag the **Password** slider to the left to turn the password requirement mode Off and enter the password.

Screen Rotation

Set screen rotation on to automatically adjust the screen orientation when you rotate your phone.

Note: Turning this option off causes your screen to stay in the current orientation when you rotate your phone.

1. From the **system** screen, touch **screen rotation**.
2. From the **Autorotate screen** field, touch and drag the slider right to turn the option On.

Wi-Fi

To turn Wi-Fi on:

1. From the **system** screen, touch **Wi-Fi**.
2. Touch and drag the **Wi-Fi networking** slider to the right.

For more information, refer to *"Wi-Fi"* on page 98.

Bluetooth

To turn Bluetooth on:

1. From the **system** screen, touch **Bluetooth**.
2. Touch touch and drag the **Status** slider to the right.

For more information, refer to *"Bluetooth"* on page 100.

Tap and Send

Near Field Communication (NFC) allows data exchange when you touch your device with another compatible device. This can be used to share photos, websites, contacts, and more, or pair your phone by tapping another NFC-capable device.

To turn this feature on:

1. From the **system** screen, touch **tap + send**.
2. Touch and drag the **NFC sharing** slider to the right.

Airplane Mode

Airplane mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important! When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

To turn airplane mode on:

1. From the **system** screen, touch **airplane mode**.
2. Touch and drag the **Status** slider to the right.

Note: When you turn on airplane mode, cellular data mode is automatically deactivated.

Cellular

Enabling this feature allows you to use data features even when you are roaming.

Important! Roaming charges may apply when using data features. Contact your Service provider for details.

1. From the **system** screen, touch **cellular**.
   The Active network is displayed.
2. To turn Data connection mode on, touch the **Data connection** field and select **on**.

Note: Activating the Data connection automatically turns off airplane mode.

3. Touch the **Data roaming options** field and select **roam** or **don't roam**.
4. Touch the **Network selection** field and select your network, automatic, or search again.

5. Touch the **For limited Wi-Fi connectivity** field and select **use cellular data** or **don't use cellular data**.

Note: Your phone will not use cellular data when Wi-Fi connectivity is limited. You may not be able to send or receive data.

6. To manage background data usage, touch the **Always restrict background data** field and the **Restrict background data when roaming** field.
7. Touch **add internet apn** and enter the APN (Access Point Name) settings information and touch **Save** to save your changes.
8. Touch **add mms apn** to enter a new MMS APN based on your location and mobile operator, which might help if you cannot send or receive MMS messages. Enter the MMS APN settings information and touch **Save** to save your changes.
9. Touch **Learn more** for more information about cellular settings.

Location

Activate location services so applications (such as Maps) can access your location information.

To turn the location services on:

1. From the **system** screen, touch **location**.
2. Touch and drag the **Location services** slider to the right.
3. Touch **Privacy Statement** to read the Windows Phone 8 Privacy Statement.

Note: When Location services are on, your current location is available to any apps you have allowed to access it.

Driving Mode

Use driving mode to set how you want calls and text messages handled when you are driving.

1. From the **system** screen, touch **driving mode**.
   The Welcome to Driving Mode! screen displays.
2. Touch **next**.
3. Touch and drag the **Ignore calls** slider to the right to enable that option.
4. Touch and drag the **Ignore texts** slider to the right to enable that option.
5. Touch **next**.
   The DRIVING MODE SETUP bluetooth screen displays.
6. Touch **add a device** to add Bluetooth devices that can automatically start driving mode for you when they are connected.
   Touch and drag the **Status** slider to the right to enable Bluetooth. Follow the on-screen instructions to pair with other devices. Touch **Back** to display the DRIVING MODE SETUP bluetooth screen.
7. Tap a listed device to change whether it starts driving mode for you.
   Driving Mode enabled displays when the device is enabled.
8. Touch **next** and then touch **finish**.

Kid's Corner

Kid's Corner is a place on your phone where you can share apps, videos, games, and music with your children. They will have a Start screen of their own and easy access to the items you add there. But not too easy because you can set a lock screen password to keep them from accessing your Start screen so your phone is protected.

To set up Kid's Corner:

1. From the **system** screen, touch **kid's corner**. Touch **Learn more** for additional information.
2. Touch **next** and choose Games, Music, Videos, and Apps.
3. Touch **next** and set a password. For more information, refer to *"Lock Screen"* on page 130.
4. Touch **finish**.
5. To return to default phone mode, just press the **Power / Lock key** to power off and press it again to power back on, and then enter the password that you set up in Step 3.

To disable Kid's Corner:

1. From the **system** screen, touch **kid's corner**.
2. Touch and drag the **Kid's Corner** slider to the left.

Tip: Just touch and drag the slider to the right to enable Kid's Corner again.

Battery Saver

To conserve battery power, your phone can turn off some services to help preserve your battery.

1. From the **system** screen, touch **battery saver**.
2. Touch and drag the **Battery Saver** slider to the right.
3. Touch **advanced** to set how you want to conserve your battery: **When battery is low**, **Now until next charge**, or **Always**, which is not recommended.

Various **battery info** is also displayed on the battery saver screen.

Phone Storage

Use this option to see how your phone's storage space is being used.

1. Touch **phone** to view more information about how the phone storage is being used.
2. Touch **SD card** to view more information about how the SD card storage is being used.
   - Touch **remove SD card** to safely remove the card from your phone.
   - Touch **format SD card** to erase everything on the SD card.
3. To change the storage settings for music, videos, and pictures, touch the **Store new music+videos on** field or the **Store new pictures on** field, and then touch **phone** or **SD card**.

Backup

No one ever expects to lose their phone, but, if you do, much of your information can be easily recovered once you back up your information to the cloud. To get started:

1. From the **system** screen, touch **backup**.
2. Touch **What gets backed up?** for more information.
3. Touch **app list+settings**, **text messages**, and **photos**, and follow the on-screen instructions.

Note: You will need to sign in with a Microsoft account to perform some backup options.

Note: You will need a Wi-Fi connection to automatically upload videos and best-quality photos.

Date and Time

This menu allows you to decide if you want the date and time automatically set or if you want to enter the date and time manually. You can also configure the phone to use a 12-hour or 24-hour format.

To configure the way the date and time display on the device:

1. From the **system** screen, touch **date + time**.
2. To turn 24-hour clock mode on, touch and drag the **24-hour clock** slider to the right.

   When turned Off, the 12-hour clock displays.
3. To set the date and time automatically, touch and drag the **Set automatically** slider to the right.

   To manually set the time and date:

   - Touch and drag the **Set automatically** slider to the left to turn the feature off and display additional fields.
   - Touch the **Time zone** field and select a time zone from the list.
   - Touch the **Date** field and sweep the month, day, and year fields until the desired values display then touch **done**.
   - Touch the **Time** field and sweep the hour, minute, and AM/PM fields until the desired time displays, then touch **done**.

Brightness

To manage the brightness of your phone screen:

1. From the **system** screen, touch **brightness**.
2. Touch and drag the **Automatically adjust** slider to the right to turn it On.

   The phone automatically adjusts brightness on the display.

   – or –

   Touch the **Level** field and select a level.

Keyboard

Use this menu to configure the on-screen keyboard.

1. From the **system** screen, touch **keyboard**.
2. To add a keyboard for another language, touch **add keyboards** and touch one or more languages. Touch **add** to save your selections.
   The added keyboards are listed on the screen.
3. Touch a keyboard entry in the list and configure the keyboard settings by selecting one or more of the options displayed.
   A check mark indicates selection.
4. To remove an added keyboard entry, touch and hold the entry and then touch **remove**.
5. Touch **advanced** to display the following options:
   - Touch the **reset suggestions** field and touch **reset** to remove all the words you have added to your suggestion list.
   - Touch **Switch back to letters after I type an emoticon** to enable that function.
   - Touch **Improve suggestions by sending information about my keyboard usage to Microsoft** to participate in sending keyboard touch information, which helps Microsoft improve the keyboard on Windows Phone and to enhance or create new user experiences.
   - Touch **Learn more** for additional information about this feature and other features of your Windows phone.

Language and Region

Use these settings to configure the language in which the menus and certain keyboard options are displayed.

Note: Some of the settings require you to restart your phone.

1. From the **system** screen, touch **language + region**.
2. Touch the **Phone language**, **Country/Region**, **Regional format**, and **Browser & search language** fields and select a setting for each.

Regional format example: displays an example date, time, and currency for the chosen regional format.

Ease of Access

This setting controls text size and other visibility options, speech controls, and TTY/TDD mode.

1. From the **system** screen, touch **ease of access**.
2. Touch and drag the **Text size** slider left or right to change the text size in phone, People, email, messaging, and lock screen.
3. Touch and drag the **High contrast** slider, the **Screen magnifier** slider, and the **Mobile Accessibility** slider to the right to turn each option On. Touch **download** to download an app to use Mobile Accessibility.
4. Touch and drag the **Speech for phone accessibility** slider to the right to turn it On.
5. Touch the **TTY/TDD** field and select an option.
6. Touch and drag the **telecoil** slider to the right to enable the option.

Speech

These settings can be used to enable speech recognition over the network, speech when the phone is locked, and audio confirmation.

1. From the **system** screen, touch **speech**.
2. Touch **Use Speech when the phone is locked** to check and enable it, which only affects accessing Speech with the **Home** key.
3. Touch **Play audio confirmations** to check and enable it.
4. Touch the **Read aloud incoming text messages** field and select an option.
5. Touch **Text to Speech voice** and choose female or male.
6. Touch **Speech language** and choose a language.
7. Touch **Enable Speech Recognition Service** to check and enable it.

   When selected, all voice commands are sent to Microsoft to provide and improve the service.

For more information, refer to *"Speech Engine"* on page 33.

Find My Phone

To use this feature:

1. Set up a Microsoft account and then sign in at www.windowsphone.com/en-us.
2. Point to the phone in the upper-right corner, and click **Find My Phone**. Sign in with the same Microsoft account you used to sign in on your phone, if required.

Note: If you have an Xbox, Zune, Hotmail, or Messenger ID, you have a Microsoft account.

3. On the Find My Phone web page, follow the on-screen instructions to set the desired options.

On your phone, the following options are available.

1. From the **system** screen, touch **find my phone**.
2. Touch one or both of the following settings:
   - **Send apps to my phone using push notifications (not SMS)**
   - **Save my phone's location periodically and before the battery runs out to make it easier to find**
3. Touch **Privacy Statement** to learn more about how this information is used.

Phone Update

1. From the **system** screen, touch **phone update**.
   Updates are automatically located and installed.
2. To manually check for updates, touch **check for updates**.

Note: Your phone continues to regularly check for updates, which you can install when you are connected to the PC.

3. If you want the phone to automatically download updates, touch **Automatically download updates if my data settings allow it**.

Important! This setting also causes a check for updates over Wi-Fi networks and when your phone is connected to your computer.

Company Apps

Some companies offer policies, certificates, and apps that help you connect to your company's network.

1. From the **system** screen, touch **company apps**.
2. Use your company's account information to sign in and set up the company app.

Tip: Contact your company's support person for more information.

About

This feature displays information about your device such as the Name, Model, Carrier, Software, Total Storage, and Available Storage.

1. From the **system** screen, touch **about**.
2. To view additional phone information, such as OS version, touch **more info**.
3. Touch **Terms of Use** or touch **Privacy Statement** to view those documents.

4. If you want to reset your phone to the factory default settings, touch **reset your phone**.

Caution! After resetting your phone, you must not remove the battery until rebooting is complete.

Note: Once you perform **reset your phone**, all settings and data is initialized.

Feedback

When configured, this feature sends feedback to help improve function for this device.

1. From the **system** screen, touch **feedback**.
2. Touch and drag the **Send feedback** slider to the right to activate the feature.
3. Touch **Privacy Statement** to view the statement.

Additional Call Settings

This setting provides access to additional call settings, based on your cellular plan. See your cellular service provider for more information. Not all options are available with all plans.

1. From the **system** screen, touch **additional call settings**.
2. Touch each feature to configure and follow the on-screen instructions.

Advanced Text Messages

To receive messages for disasters and advertisements on SMS:

1. From the **system** settings menu, touch **advanced text messages**.
2. Touch and drag the **Enable CB message reception** slider to the right to turn it On.
3. Touch and drag the **Use unicode when necessary** slider to the right to turn it On.

Call/SMS Blocker

Your phone can automatically reject unwanted calls or text messages.

1. From the **system** settings menu, touch **call/sms blocker**.
2. Touch **call blocker**.

   The blocked calls history screen displays and lists any blocked calls.

   - Touch **Options** ➔ **settings**.
     - Touch and drag the **call blocker** slider to the right to turn On call blocking.
     - Touch and drag the **Notification** slider to the right to turn it On and get a notification for the blocked call.
     - Touch and drag the **block private calls** slider to the right to turn it On and reject private incoming calls.
     - Touch **add blocked number** to add phone numbers from which calls should be blocked.
     - Once you have added numbers to block, touch **view blocked numbers** to view your blocked numbers list.
3. Touch **sms blocker**.

   The blocked sms history screen displays and lists any blocked sms messages.

   - Touch **Options** ➔ **Settings**.
     - Touch and drag the **sms blocker** slider to the right to turn On sms blocking.
     - Touch and drag the **Notification** slider to the right to turn it On and get a notification for the blocked message.
     - Touch **add blocked number** to add phone numbers from which sms messages should be blocked.
     - Once you have added numbers to block, touch **view blocked numbers** to view your blocked numbers list.
4. While viewing blocked numbers:
   - Touch and hold an entry and then touch **edit** to change that phone number or name.
   - Touch **add** to add a new number to block.
5. To delete previously blocked calls from a history list or to delete numbers you have added, touch **select**, touch entries to delete, touch **delete**, touch **ok** to delete the selected entries, and then touch **ok** to delete the names.

Contacts Import

You can use Bluetooth to import contacts from your previous phone.

1. From the **system** screen, touch **contacts import**.
2. Enable Bluetooth on each phone and set each phone to be discoverable.
3. Touch **Search device** and pair the two phones.
4. Select the desired phone from the paired list and touch **Start** to import all contacts.
5. Touch **Next** and select each contact to import or touch **Select all** to import all contacts that were found.
6. Touch **Save** to import the selected contacts and then touch **done**.

Extra Settings

This setting contains additional device settings.

1. From the **system** screen, touch **extra settings**.
2. Touch and drag the **Echo cancellation** slider to the right to improve voice quality on a phone call.
3. Touch and drag the **Audio output mode** slider to the right to use external speakers when the phone is docked.
4. Touch and drag the **Haptic feedback** slider to the right to have the phone vibrate when screen keys are touched.

SoundAlive

To choose an equalizer for the Music+Videos player:

1. From the **system** screen, touch **SoundAlive**
2. Touch the **Equalizer** field.
   The CHOOSE AN EQUALIZER screen displays.
3. Touch and sweep the screen up or down and touch an entry to select it.

Applications Settings

For Applications settings:

1. From the **Home** screen, sweep the screen left to display the App List.
2. Touch **Settings**.
3. Sweep the screen to the left or right, if necessary, to display the **applications** screen.

Background Tasks

The apps in this list can continue to do things in the background even when they are not open.

1. From the **applications** screen, touch **background tasks**.

   Any apps that you have running in the background are listed.
2. Touch **advanced** to see a list of the apps on your phone that can run in the background. This list includes apps that you cannot turn off manually.

Games

The games setting allows you to connect with Xbox.

1. From the **applications** screen, touch **games**.
2. Touch and drag the sliders right to activate the following options, which are described on the screen:
   - Connect with Xbox
   - Sync game requests
   - Show game notifications
3. Touch the **Xbox Privacy Settings** to view and configure privacy settings.

Tip: You will need to sign in to your Microsoft account to display the PRIVACY AND ONLINE SETTINGS screen. For more information, refer to *"Setting Up a Microsoft Account"* on page 70.

Internet Explorer

From this menu you can configure your internet settings and delete all browsing history.

Cookies are typically placed on your device when you browse the internet. They contain both site information and personal information, such as a username and password, which can pose a security risk if not properly managed.

If activated, the Bing search engine automatically suggests web addresses when you perform an internet search.

1. From the **applications** screen, touch **Internet Explorer**.
2. Touch the **Website preference** field and choose either **mobile version** or **desktop version**.
3. Touch the **Use address bar button for** field and choose either **favorites**, **stop/refresh**, or **tabs**.
4. Touch **delete history** and then touch **delete** to delete all temporary files, browsing history, cookies, and saved passwords from the phone.
5. Touch **Privacy Statement** to view the statement.
6. Touch **advanced settings** for additional options.
   - Touch and drag the **Allow access to my location** slider to the right to turn the option On.
   - Touch any of the following options that you want to turn on:
     - Get suggestions from Bing as I type
     - Send browsing history to Microsoft to help improve Bing services
     - Use SmartScreen Filter to help protect against unsafe websites
     - Send a Do Not Track request to websites you visit

     A check mark indicates selection.
   - Touch the **Cookies from websites and apps** field and select **accept all**, **block some**, or **block all**.
   - Touch the **Open links from other apps in** field and select **a new tab** or **the current tab**.
   - Touch **Allow sites to store files on my phone** to turn this option On.
   - Touch **manage store** to display websites that store files on your phone. To free up storage space, touch a site to delete its files.
   - Touch **Learn about these settings** for more information.

Maps

To provide better local search results, allow your phone applications to use your location.

1. From the **applications** screen, touch **maps**.
2. To activate **Use my location**, touch and drag the slider to the right.
3. Touch **download maps** to add additional maps to your phone. Touch **add** and select a continent/country, then touch download. Touch **Options** ➔ **delete all maps** to delete maps you have added.
4. Touch **check for updates** to download any updates to your maps. Select a map to update, then touch **install** to begin downloading the update or touch **not now** to postpone the download.
5. Touch **delete history** ➔ **delete** to remove all previous map searches and temporary files from your phone.
6. Touch **Privacy Statement** to view the statement.

Messaging

From this setting you can configure whether or not to backup your messages, turn on Group text, change your SMS center number, and configure your emergency alerts.

1. From the **applications** screen, touch **messaging**.
2. Touch and drag the **Text message backup** slider to the right to turn this option On.
3. To turn on **Group text**, which helps keep replies in one thread by using MMS (Multimedia Messaging Service), touch and drag the slider right.

Note: Using MMS uses your data plan and may incur charges.

4. To change the SMS center number, touch the **SMS center number** field. Use the on-screen keypad to remove and update the number.

Important! The SMS center number is used to send and receive messages. Please check with your carrier before changing the number.

5. Touch **add mms apn** to enter a new MMS APN based on your location and mobile operator, which might help if you cannot send or receive MMS messages. Enter the MMS APN settings information and touch **Save** to save your changes.
6. Touch **emergency alerts** to configure:
   - Touch and drag the **AMBER Alerts** slider to the right to turn this option On.
   - Touch the **Emergency alerts** field and select **Presidential only**, **Presidential and Extreme alerts**, or **all alerts**.

Music and Videos

This menu allows you to connect with Xbox Music and configure your account settings.

1. From the **applications** screen, touch **music + videos**.
2. Touch and drag the **Connect with Xbox Music** slider to the right to turn this option On.

Note: The **Connect with Xbox Music** option is available after you access Xbox Music account settings.

3. Touch and drag the **Xbox Music cloud collection** slider to the right to turn this option On.
4. Touch **Only download new podcast episodes over Wi-Fi** to enable that feature.
5. Touch **Xbox Music account settings** to sign in to your Xbox Music account and check your Xbox Music settings.
6. Touch **suggestions** to get ideas for apps, games, things to do, and more:
   - Touch **Use Facebook too** and follow the online prompts to configure.
   - Touch **What suggestions will I see?** for more information.
   - Touch **Privacy Statement** to read the statement.
   - Touch **not now** to turn this option Off or touch **yes** to turn this option On.

Office

The Office settings allow you to configure SharePoint and to enter a user name to identify yourself in comments and for collaboration and document tracking efforts. The Office software version numbers are also displayed.

1. From the **applications** screen, touch **Office**.
2. Touch **user name** and enter a user name that identifies you in comments and document tracking efforts.
3. Touch **Open SharePoint links in the Office hub** to enable that function.
4. Touch **reset Office** ➔ **reset** to erase all saved Office settings, local and offline files, and to restore Office to its default factory settings.
5. To view version information about Microsoft Office Mobile products, scroll to the bottom of the screen. Microsoft Office Mobile information is listed.

People

The people menu allows you to configure how your contacts display in the phone book. This option also allows you to import SIM contacts.

1. From the **applications** screen, touch **people**.
2. Touch **import SIM contacts**, if you want to import the contacts from your SIM card.

Important! Imported SIM contacts are synchronized with your online Microsoft account contact list.

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3. Touch **filter my contact list** to display the SHOW CONTACTS FROM screen. Touch each account that can be used as a source for contact information to display in your contact list. Choices are: AT&T Address Book or any other email account you have set up. Contacts can also be shown from Facebook, Twitter, and LinkedIn. For more information, refer to *"Email and Accounts"* on page 129.
4. If you have added accounts such as Facebook, Twitter, or LinkedIn, touch **Hide posts from the contacts I've filtered** to limit posts from those accounts.

5. Under **Sort list by**, determine how you want to sort contacts. Touch **First name** or **Last name**.
6. Under **Display names by**, determine how to display names in the contacts list. Touch **First Last** or **Last, First**.
7. To activate **Use my location**, touch and drag the slider to the right.

   When activated, this feature uses your location to find nearby places and check in.
8. Touch **Save check-in searches and locations with my Microsoft account to improve search results** to enable that function.
9. Touch **Privacy Statement** to view the statement.
10. Touch **add an account** to set up email, contacts, Facebook, and configure other email accounts. For more information, refer to *"Email and Accounts"* on page 129.

Phone

The phone menu allows you to configure various phone settings.

1. From the **applications** screen, touch **phone**.

   The phone settings screen displays. The **My phone number** field displays the phone number associated with the SIM card installed in your phone.
2. Touch and drag the **Use default voicemail number** slider to the right to use the default voicemail number to retrieve voice mails.

   To set a custom number, touch and drag the **Use default voicemail number** slider to the left, then touch the **new voicemail number** field. Use the on-screen keypad to enter a new voicemail number. Touch anywhere outside the field to save the custom number.

Important! This Voicemail number is configured to dial your carrier's voicemail box. Please check with your carrier before changing the number.

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3. Contact your mobile operator to add visual voicemail to your phone plan, and then touch **call voicemail** to continue setup.
4. Touch the **Show my caller ID to** field and select who may see your caller ID.
5. To activate **Call forwarding**, touch and drag the slider to the right. Touch the field that displays and enter a number to **Forward calls to** and touch **save**.
6. Touch and drag the **Text reply** slider to the right to reply to a call with a text message when you are unable to talk.

   Touch **edit replies** to enter up to four text replies and then touch **done**.
7. To activate **International assist**, touch and drag the slider to the right.

Note: Activating this feature automatically corrects some common mistakes while dialing internationally or dialing while abroad.

8. To activate **SIM security**, touch and drag the slider to the right and enter your SIM PIN.
9. To restrict your outgoing calls and messages to selected phone numbers, touch and drag the **Fixed Dialing (FDN)** slider to the right and enter your SIM PIN2.

Photos and Camera

This menu allows you to configure various camera settings.

1. From the **applications** screen, touch **photos + camera**.
2. Touch any of the following options to activate:
   - Press and hold camera button to wake up the phone
   - Prevent accidental camera launch when phone is locked
   - Tap screen to take pictures and videos when using the built-in Camera app
   - Include location info in pictures I take

   A check mark indicates selection.
3. Touch the **Pressing the camera button opens** field to choose an app to open when the Camera key is pressed.

4. Touch the **Auto upload** field to set options for automatically uploading photos and videos to SkyDrive. When you activate this feature, pictures you take and videos you record are automatically uploaded to SkyDrive. This uses your data plan and may incur charges.

Tip: The **Auto upload** feature cannot be turned on until you have signed on to your Microsoft account.

5. Touch the **apps** field and then touch **find apps** to find and install apps that can automatically upload your content.
6. Touch **reset camera** to restore Camera default settings.
7. Touch **Privacy Statement** to view the statement.

Search

These settings allow you to perform a better search, get suggestions from Bing, or delete search history.

1. From the **applications** screen, touch **search**.
2. To activate **Use my location**, touch and drag the slider to the right.

   When activated, this feature uses your location to provide better local search results.
3. Touch **Send location info for Microsoft Tags** to turn the option on.
4. Touch **suggestions** to get ideas for apps, games, things to do, and more.
5. Touch the **SafeSearch** field and select **off**, **moderate**, or **strict**.
6. Touch **Allow search button from lock screen** and **Get suggestions from Bing as I type**, if desired.

   Touch **Allow Microsoft to store and use images from vision searches** to help Microsoft provide better search results.

   A check mark ☑ indicates selection.
7. Touch **delete history** and then touch **delete** to delete all previously-typed search terms from your phone.
8. Touch **Privacy Statement** to view the statement.

Store

Store provides access to downloadable applications, music, and games to install on your phone. Store also allows you to provide feedback and comments about an application or flag an application that might be incompatible with your phone.

1. From the **applications** screen, touch **store**.
2. Touch **PIN** to configure your Personal Identification Number:
   - Touch and drag the **Wallet PIN** slider to the right to turn this option On.

     The ENTER PIN screen displays.

     Use the keypad to enter a PIN in the **New PIN** field and then re-enter it in the **Confirm PIN** field.
   - Touch **Use Wallet PIN to protect music, app, and in-app purchases** to turn this option On.
   - Touch **Learn more about Wallet** for more information.
3. Touch **suggestions** to get ideas for apps, games, things to do, and more.
4. Touch **Store Terms of Use** to read the statement.
5. Touch **Privacy Statement** to read the statement.

Wallet

The Wallet app stores credit or debit cards, Microsoft gift cards, PayPal account information, and other payment options, giving you quick and easy access when purchasing online or in stores.

1. From the **applications** screen, touch **wallet**.
2. Touch and drag the **Wallet PIN** slider to the right to turn this option On.

   The ENTER PIN screen displays. A PIN will be required to use Wallet. Use the keypad to enter a PIN in the **New PIN** field and then re-enter it in the **Confirm PIN** field.
3. Touch **Use Wallet PIN to protect music, app, and in-app purchases** to turn this option On.
4. Touch **Learn more about Wallet** for more information.

This device is capable of operating in Wi-Fi™ mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with Mobile Satellite Services (MSS). Therefore, this device is restricted from being used outdoors when operating in frequencies between 5.15-5.25 GHz.

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device**.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a

slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/.

- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.0 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This mobile phone has an FCC ID number: A3LSGHI187 [Model Number: SGH-I187] and the specific SAR levels for this mobile phone can be found at the following FCC website: http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website: http://www.samsung.com/sar.

SAR information on this and other model phones can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Commercial Mobile Alerting System (CMAS)

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System ("CMAS"; which may also be known as the Personal Localized Alerting Network ("PLAN")). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired**. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

Important! Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery**. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.
- **Do not let the phone or battery come in contact with liquids.** Liquids can get into the phone's circuits, leading to corrosion. Even when the phone appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the phone and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the phone or the battery and could cause the phone or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your phone in your car in high temperatures.
- **Do not dispose of the phone or the battery in a fire**. The phone or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery**. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.

- **Avoid dropping the cell phone**. Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.
- **Do not allow the battery to touch metal objects**. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by nonSamsung-approved batteries and/or chargers.

- **Do not use incompatible cell phone batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at: http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://fun.samsungmobileusa.com/recycling/index.jsp and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect

Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs**.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances.

Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

1. If the mobile device is not on, switch it on.
2. From the **Home** screen, touch ➔ . The dialer displays.
3. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
4. Touch **call**.

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion.

Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution. If the mobile device has a retractable camera lens, do not use soap and water to clean the lens. Use a blower or brush or lens cleaning paper dampened in a lens cleaning solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss.

This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.

- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

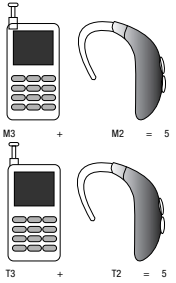
Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a

hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.

However, these are not guarantees that all users will be satisfied. T ratings work similarly.



The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated.

Cautions

Any changes or modifications to your mobile device not expressly approved by Samsung could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device.

Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 11: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Device	1 Year
Battery(ies)*	1 Year
Case/Pouch/Holster*	90 Days
Other Device Accessories*	1 Year

*If applicable.

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product.

Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS.

ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

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Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082

Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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SAMSUNG

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